

FY99 Army Program Listing

ACAT III Non-AIS Programs*

Total:375

Program	Current	ACAT	MDA (Name	PM	PM Level	Organization Reports To
10KW Auxillary Power Unit (APU) Program	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, MEP	PJ	DSA, CECOM
This program supports the standardization of 10 KW APU's for diverse systems using the SICPS wheeled vehicles. The APU provides enhanced/improved support, improved reliability/supportability. PM-MEP is procuring these sets for a variety of Army systems.						
12 Gauge Breaching Round	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
Provides a 12 Gauge breaching cartridge that will defeat door lock mechanisms, hinges and padlocks on wooden doors. Supports the Soldier Enhancement Program.						
12 Gauge Non-Lethal Point and Crowd Control	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
Provides a 12 gauge non-lethal shotgun cartridge for crowd control purposes. Two rounds will be Type Classified, one for use against multiple personnel in a crowd, the other for use against one individual. This program is in support of the Soldier Enhancement Program.						
120mm M829A2 APFSDS-T	PFDOS	III	PEO, GCSS (MG Michitsch)	PM, TMAS	PJ	PEO, GCSS
The M829 is the world's most lethal kinetic energy round. It is the Abrams Tank's primary anti-armor cartridge. It incorporates thick walled graphite composite sabots, high density stick propellent, and a depleted uranium penetrator.						
120mm M830A1 Multi-Purpose/HEAT Cartridge	PFDOS	III	PEO, GCSS (MG Michitsch)	PM, TMAS	PJ	PEO, GCSS
This round utilizes a sub-calibered sabotaged warhead which results in increased velocity, shortened time of flight, and higher hit probability. It represents a major breakthrough in HEAT ammunition in terms of range and performance. The M830A1 has an anti-helicopter capability.						
1500 GPH Reverse Osmosis Water Purification Unit	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
A future generation large scale ROWPU which is scheduled to replace the 600 GPH ROWPU. This system will be more efficient and easier to maintain.						

* Sorted By Program Title

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Manager

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
155mm M795 High Explosive	PFDOS	III	PEO, GCSS (MG Michitsch)	PM, ARMS	PD	PEO, GCSS

The M795 Projectile consists of 28.3 pounds of TNT explosive loaded into a high fragmentation steel body assembly. The projectile can use a variety of fuzes (point detonating, mechanical/electronic time and proximity). It will be used for conventional fire support and will supplement the currently stockpiled 155mm HE M107. It provides greater range and lethality than the M107 and will be used as a registration round for the M483A1 family of conventional munitions. The M795 is in production.

3000 GPH Reverse Osmosis Water Purification Unit (3K ROWPU)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
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The 3K ROWPU is self-contained, mounted onto a M871A1 trailer, and powered by a 60KW generator. In the theater of operations it is towed to an operating site by a M818 or M932 5-ton tractor. It has the capacity to produce potable water from any water source and to remove many chemical and biological contaminants.

350 GPM POL Unregulated Pump	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
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The 350 GPM Pump is a component of the Fuel System Supply Point and the inland Petroleum Distribution System. It supports the Army's primary means of distributing and issuing petroleum to combat forces under tactical conditions.

40 MM Canister Round for MK19	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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Provides a 40mm Cartridge for the MK19 Grenade Machine-gun for anti-personnel capability out to 100 meters. This program is in support of the Soldier Enhancement Program.

40mm Non-Lethal Crowd Dispersal Cartridge	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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Provides friendly forces with a direct fire, non-shrapnel producing round with effective range of 15-30 meters and fired out of a 40mm Grenade Launcher. Program transitions to PM SA 3Q99.

5.56mm Armor Piercing Round,	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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An NDI armor piercing round with improved penetration capabilities over the M855 cartridge. Used in the M16A2 rifle, M4 Carbine and the M249 Machine Gun. This program is in support of the Soldier Enhancement Program.

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500 Foot Low Velocity Airdrop System (LVADS)	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM

LVADS combines standard Airdrop components (Type V platform, parachutes, and associated hardware) augmented with technology enhancements, to achieve precision airdrop at low levels.

5KW 28VDC APU Program	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, MEP	PJ	DSA, CECOM
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This program is being managed by PM-MEP (with CECOM support). This program responds to the force requirement for an auxiliary power unit(APU) for the M577 vehicle and the SICPS M1068 track variant. This modernized, highly capable APU operates on diesel/JP8 fuel and replaces the 4.2 KW gasoline fueled APU. In addition to being single-fuel compliant(diesel/JP8),it has a drastically reduced noise signature and vastly improved reliability and supportability. This program is a critical element of the Force XXI Tactical Operations Centers(TOC). Low rate initial production articles are currently deployed with the Task Force XXI EXFOR.

60K Low Velocity Airdrop System	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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The 60k LVADS is comprised of a conventional parachute design and many improvements over existing low velocity airdrop components. It will allow deployment of equipment up to 60K lbs (total rigged weight) from an altitude of 2K ft at speeds of 130 to 150 knots. The system incorporates existing 42K lbs LVAD technology with new developments/improvements to accommodate the higher capacity.

Adjustable Sight Bracket for MK19	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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Provides a common mounting interface for MK 19 Grenade Machinegun fire control devices. It adjusts to maintain line of sight to target while weapon is elevated, reducing target acquisition time.

Advance Aviation Forward Area Refueling System (AAFARS)	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
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A lightweight modular refueling system capable of refueling four aircraft simultaneously, at a minimum flow rate of 55 GPM per nozzle.

Advanced Clothing Repair Equipment	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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The Advanced Clothing Repair program will develop and introduce updated capabilities to repair uniforms, shelters and associated items of equipment in the field. Commercial technologies such as heat sealing, ultrasonic welding and adhesive bonding will be integrated into this system. This system will then be provided as upgrades to existing fabric repair assets.

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ACAT III by Pgm (Non-AIS)						
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Advanced Food Sanitation Center	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
The Advanced Food Sanitation Center provides an enhanced capability to clean/sanitize food service equipment and a method to control kitchen grey water. This center reduces the number of required burners from three to one.						
Advanced Laser Eye Protection System	EMD	III	PEO, AVN (MG Snider)	PM, ACIS	PJ	PEO, AVN
The objective of the program is to develop a day/night, multiple wavelength, low energy visor to address the needs of fixed and rotary wing aircrews in a fixed, multi-wavelength laser threat environment. This visor must be compatible with current Navy/Marine Corps and Army ALSE.						
Advanced Quickfix (AQF)	EMD	III	PEO, IEW&S (MG Gust)	PM, GBCS/AQF	PD	PEO, IEW&S
AQF is a heliborne electronic attack, signals intelligence and emitter targeting system, currently in LRIP.						
Advanced Tactical Parachute System	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
The Advanced Tactical Parachute System will replace the current military static line parachute, the T-10 and the T-10R reserve parachute, which was fielded in the 1950’s. "Leap-ahead" technology will provide a system that meets the needs of the paratrooper well into the next century, reducing landing related injuries.						
Advanced Tank Armament System	PDRR	III	PEO, GCSS (MG Michitsch)	PM, TMAS	PJ	PEO, GCSS
This program is developing and integrating state of the art armament technologies for the Abrams tank and other armored systems, including the Future Scout and Cavarly Vehicle. These technologies, including improved cannon and fire control, will give these systems the ability to see, hit and kill targets at extended ranges and maintain lethality overmatch over the threat.						
Advanced Threat Infrared Countermeasure Munition (AIRCMM)	EMD	III	PEO, AVN (MG Snider)	PM, ATIRCM	PJ	PEO, AVN
The AIRCMM is an advanced aircraft infrared expendable device which is multispectral in nature and will be a replacement and/or enhancement for the standard Army M-206IR decoy. The AIRCMM is backward compatible with the M-130 General Purpose Dispenser and provides a payload identification capablity with the Advanced Expendable dispenser part of the Advanced Threat Infrared Countermeasure (ATIRCM).						
Aerial Common Sensor	CE	III	PEO, IEW&S (MG Gust)	PM, ACS	PD	PEO, IEW&S
Aerial Common Sensor provides dedicated, corps-level, multi-disciplined intelligence, surveillance and reconnaissance (ISR) support for situation awareness, targeting and force protection under full range of operational scenarios. Combines the functionality of GRCS and ARL into single platform. This program is expected to be raised to ACAT I level.						
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First Previous Next Last						

<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u> <u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Aerial Targets	PDRR/EMD/PFDO	III	CG, STRICOM (BG Bond)	PM, ITTS	PJ	CG, STRICOM

The Aerial Targets program provides realistic surrogate or acquired threat high performance, multi-spectral aerial targets which fully stress the latest air defense and air-to-air weapon systems during Test & Evaluation (T&E). This program encompasses a family of rotary and fixed wing targets, full-scale, miniature and sub-scale targets, tactical ballistic targets, ancillary devices and remote control systems. Program also includes a suite of virtual models for selected aircraft types.

AH-1 COBRA	PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, Scout/Attack Helicopter	PD	DSA, AMCOM
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The AH-1 is an armed attack, single-engine, tandem seated helicopter with a maximum gross weight of 10, 000 pounds and a T53L703 1600 SHP engine. The armament system consists of the M65 TOW Missile System, 20 mm gun, and Hydra-70 rockets.

AIHS Laser Eye Protection Visor	PFDOS	III	PEO, AVN (MG Snider)	PM, ACIS	PJ	PEO, AVN
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The AIHS Laser Eye Protection Visor is a two visor system that provides protection from 2 and 3 wavelengths (notches) of laser hazards. The 2 notch visor provides protection against two laser wavelengths and provides adequate ambient light transmittance to be flown at night. The 3 notch visor provides protection against three laser wavelengths. While the 3 notch visor provides additional laser protection as compared to the 2 notch visor, it is too dark to be used at night. This item is currently being fielded with the HGU-56/P Helmet.

Air and Command Training System (ACTS)	PDRR/EMD/PFDO	III	CG, STRICOM (BG Bond)	PM, ACTS	PD	CG, STRICOM
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The ACTS program consists of various high fidelity system and non-system weapons simulators, combat mission simulators, Synthetic Flight Training Systems (SFTS), simulators, part-task and maintenance trainers, as well as force-on-force Tactical Engagement Systems (TES) which support training of Aviation, Air Defense, Intelligence and Electronic Warfare, Command and Control and Air Traffic Control in both virtual and live environments.

Air and Missile Defense Planning and Control System (AMDPCS)	PFDOS	III	PEO, C3S (BG Boutelle)	PM, TOC/AMDCCS	PD	PEO, C3S
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AMDPCS provides a common air/missile defense operational planning tool for air defense commanders at all echelons of command (battery through theater) for all air/missile defense weapon systems (Stinger Based Short Range Air Defense, PATRIOT, Theater High-Altitude Area Defense, etc.) and is under the auspices of the Product Manager for Air and Missile Defense Command and Control Systems. The Air and Missile Defense Workstation (AMDWS) is the air/missile defense component of the Army Battle Command System (ABCS). Although AMDWS is a component of the AMDPCS, it is fielded as a component to Air Defense Area Brigades and with each air and missile defense weapon system. Through digital linkages with the various air defense weapon systems and the joint air surveillance net, the AMDWS provides the ABCS with the air component of the common tactical picture at the Division and Corps echelons of command. The AMDWS provides interoperability between all components of the air/missile defense force and the ABCS. In addition, the AMDWS provides interoperability with the air planning component of the U.S. Air Force/U. S. Navy Theater Battle Management Core Systems (TBMCS). The AMDWS also provides interoperability with the German air/missile defense command and control system. The AMDWS is a cooperative development between Program Executive Office (PEO) Command Control and Communication Systems; PEO Air Missile Defense; and the Ballistic Missile Defense organization.

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Air Traffic Nav Integration and Coordination System(ATNAVICS), Fixed Base Precision Approach Radar	EMD	III	DSA, AMCOM (BG(P) Armbruster)	PM, ATC	PD	DSA, AMCOM

The ATNAVICS is a tactical precision approach radar system that will provide the capability to conduct area surveillance and precision approach control for aircraft departures and arrivals in all weather conditions on a 24-hour basis. The ATNAVICS will replace the AN/TSQ-71, Landing Control Central.

Air Warrior (AW)	EMD	III	PEO, AVN (MG Snider)	PM, ACIS	PJ	PEO, AVN
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This program is a multi-dimensional effort, designed to enhance the aircrew warfighting capabilities by providing the airvcrew with a systems approach to integration of aircrew life support, survival equipment, and aircrew life support, survival equipment, and aircrew/aircraft interface equipment and tailorability of aircrew equipment to specific missions. MS III is planned for FY 02.

Airborne Command and Control System (A2C2S)	EMD	III	PEO, AVN (MG Snider)	PM, AEC	PJ	PEO, AVN
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The A2C2S functions as a highly mobile airborne command post when mounted in the UH-60 helicopter with auxiliary equipment, providing tactical voice, data, and imagery digitized battlefield communications both in secure and non-secure modes for corps, division, and brigade commanders. The system provides battle commanders and intercommunications facilities for up to six operators, and joint interoperability as well as maritime and air traffic control communications.

Airborne Reconnaissance Low	PFDOS	III	PEO, IEW&S (MG Gust)	PM, ACS	PD	PEO, IEW&S
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The ARL is a multifunction airborne day/night reconnaissance asset initially designed for low intensity conflict/counter narcotics/Operations Other Than War applications.

Airborne Stand-off Minefield Detection System	PDRR	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
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Remote (UAV payload) system capable of detecting patterned/scatterable surface laid minefields and buried patterned minefields. It uses artificial intelligence to analyze data and transmit it to maneuver commands in near real time.

Aircrew Integrated Helmet System (AIHS)	PFDOS	III	PEO, AVN (MG Snider)	PM, ACIS	PJ	PEO, AVN
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The AIHS has the Tri-Service designation as the HGU-56/P (Head Gear unit -56th version Pilot) and will replace the existing SPH-4 and 4B helmets. It offers twice the head impact protection and comes in six sizes for fitting the smallest female (1%) through the largest male (99%) aircrew members. Fielding of the HGU-56/P continues during FY99.

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Aircrew Integrated Helmet System (AIHS-P3I)	EMD	III	PEO, AVN (MG Snider)	PM, ACIS	PJ	PEO, AVN

This program develops improvements to the AIHS HGU-56/P helmet. Preplanned improvements include lighter weight, noise reduction, and improved communications. The current P3I efforts being pursued include an Apache Magnetic Head Tracker to replace the current IHADSS helmet and a Comanche compatibility effort, and Virtual Retinal Display development.

All Purpose Weapons and Equipment Container System	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier	PJ	DAR, SBCCOM
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The system is a family of lightweight, multipurpose, weapons equipment containers for use by individual parachutists. The AIRPAC will consist of two containers which, when employed separately, together, or with the M-1950 weapons case, will provide parachutist's delivery of a wide variety of combat equipment, weapons and missile systems. Containers will have a single point release system which allows the container and leg tiedown straps to be released simultaneously. Current weapons/equipment containers and jump packs are too heavy and bulky and offer limited range of application use. PER W. STUDEBAKER, ZCS - DELETE THE PROGRAM

All-Terrain Crane (ATC)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MME	PD	DSA, TACOM
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The ATC is pneumatic tired, diesel engine driven, with fully revolving superstructure and cab, and hydraulically powered telescoping boom. It will be used to perform lifting, lowering, loading, and excavation; handling general supplies, construction materials and bridging; to support maintenance, collection and classification points, rehabilitation of maintenance and communication routes, resupply points and logistic support facilities. The ATC will replace overage 20 and 25 ton cranes (rough terrain and truck mounted) in the Army inventory.

All-Terrain Lifter Army System (ATLAS)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MME	PD	DSA, TACOM
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The ATLAS is a rough terrain forklift which has the same mobility and speed as the 6,000 lb (6K) variable reach rough terrain forklift and can perform the functions required of the current Army standard 10,000 lb (10K) rough terrain forklifts.

Ammunition Solar Cover	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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The Ammunition Solar Cover reduces solar loading on ammunition in field storage; is durable, easy to erect, transport and store; and is resistant to the deteriorating effects of the weather, climate and long term storage. The Type I covers an area 50 x 50 feet and the Type II covers 1/4 acre.

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Program	Current	ACAT	MDA (Name	PM	PM Level	Organization Reports To
AN/APR-48A Radar Frequency Interferometer (RFI)	PFDOS	III	PEO, AVN (MG Snider)	PM, AAH	PJ	PEO, AVN
This radar frequency interferometer is a passive target acquisition system that provides accurate bearings to threat air defense artillery emitters. The system detects, classifies, and prioritizes radar emitters. It cues target acquisition systems, allows rapid target handover, and can provide information on the status of the detected emitter (search, acquisition, and track). The system consists of two major components; a receiver/antenna assembly and a processor. The system will use onboard displays to provide information to the aircrew.						
AN/ARC-220 High Frequency (HF) Nap-of-the-Earth (NOE) Communications Radio	PFDOS	III	PEO, AVN (MG Snider)	PM, AEC	PJ	PEO, AVN
High Frequency Nap-of-the-Earth Communications (HF NOE COMM) radios are required to satisfy critical Desert Storm operational deficiencies for long range and "over-the-hill" connectivity for both voice and data for Army aircraft. The AN/ARC-220 HF radio has been competitively procured with Automatic Link Establishment capability to replace difficult manual searches for workable frequencies, night vision compatible lighting and Electronic-Counter-Countermeasures (ECCM) capabilities.						
AN/ASN-149 Global Positioning System (GPS)	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, GPS	PD	DSA, CECOM
The AN/ASN-149 provides Army aviation cargo aircraft with accurate location and velocity information critical to navigation. It also provides Universal Coordinated Time for communication systems and assists in situational awareness and prevention of fratricide.						
AN/AVR-2A(V) Laser Detecting Set (LDS)	PFDOS	III	PEO, AVN (MG Snider)	PM, ATIRCM	PJ	PEO, AVN
The AN/AVR-2A(V) Laser Detecting Set is a passive laser detecting system which receives, processes, and displays threat information resulting from aircraft illumination by lasers. The threat information is displayed on the AN/APR-39 Radar Detecting Set indicator.						
AN/FPN-66 Radar	PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, ATC	PD	DSA, AMCOM
A non-tactical air traffic control system that provides an electronic surveillance capability in the approach and terminal area at Army airfields by providing for the separation of air traffic (IFR & VFR) by tower and radar controllers. In two cases it is used to enhance range control operations. It is a single channel analog and dual channel digital secondary radar.						
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ACAT III by Pgm (Non-AIS)						
Program	Current	ACAT	MDA (Name	PM	PM Level	Organization Reports To
AN/TPQ-45 Aircraft Survivability Equipment Trainer IV (ASET IV)	PFDOS	III	PEO, AVN (MG Snider)	PM, ATIRCM	PJ	PEO, AVN
This trainer consists of ground based mobile threat emitters. The emitters simulate infrared and radar frequency defense systems (SA-7/14, SA-9/13, ZSU-23-4, SA-8 and C3). ASET IV presents the culmination of aircraft survivability equipment training providing realism under the "train as you fight" concept.						
Anti Reflection Devices	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
Provides the capability to reduce the visible signature from glare/glint of fielded and future direct view optics, e.g., M144 Straight Telescope, M22 Binoculars, M24 Sniper Day Scope, AN/PVS-10 Sniper Day Night Sight, M24 Miniature Binoculars. This program is in support of the Soldier Enhancement Program.						
Anti-Personnel Obstacle Breaching System (APOBS)	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
The APOBS is a Rocket propelled/45M line charge with 108 fragmentation grenades. It is a two man portable replacement for the Bangalore Torpedo (less than 1/4 the weight).						
Armored Medical Evacuation Vehicle	EMD	III	CG, MRMC (MG Parker)	DIR, USAMMDA	PJ	USAMRMC
A Bradley Fighting Vehicle variant, the AMEV is intended to overcome shortfalls of the M113 including increased mobility, survivability and maintainability and greater medical capability.						
Armored Medical Treatment Vehicle	EMD	III	CG, MRMC (MG Parker)	DIR, USAMMDA	PJ	USAMRMC
Intended to provide a protected workspace for the treatment of casualties in direct support of mechanized and heavy forces.						
Armored Security Vehicle	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, LTV	PJ	DSA, TACOM
The Armored Security Vehicle (ASV) is a turreted, lightly armored all-wheel drive vehicle that provides ballistic protection, overhead protection and protection against landmines. The ASV accepts the MK-19 Grenade Machine Gun, the M-2 .50 caliber machine gun and the M249 5.56mm Squad Automatic Weapon (SAW) machine gun. The ASV will be transportable by C-130 and larger aircraft, rail and marine modes. The ASV will be capable of carrying four persons. The vehicle will have a diesel engine, automatic transmission, central tire inflation system and a payload of 3,360 pounds.						
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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Army Data Distribution System (Near Term Digital Radio System) (ADDS (NTDRS))	PFDOS	III	PEO, C3S (BG Boutelle)	PM, TRCS	PD	PEO, C3S

The ADDS (NTDRS) creates the Army communications data backbone from platoon to brigade for Force XXI. It includes two major products: Enhanced Position Location Reporting System (EPLRS) and Near-Term Digital Radio System (NTDRS). The EPLRS provides data distribution and position/navigation services in near real time for the warfighter at brigade and below level, in support of Battlefield Functional Area hosts and the Force XXI Battle Command Brigade and Below (FBCB2) program. EPLRS consists of a Network Control Station and EPLRS User Units (EPUUs) that can be configured as a Manpack Unit, a Surface Vehicle Unit, and an Airborne Vehicle Unit. EPLRS uses time-division, multiple-access communications architecture to avoid transmission contention along with frequency hopping, error detection, and correction with interleaving. It also uses spread spectrum technology to provide jamming resistance. The NTDRS is a largely non-developmental item (NDI) R&D program that fulfills the Army’s near-term requirements for a higher-capacity data network between critical nodes within the Tactical Internet. Consisting of wideband data radios and Network Management Terminals, the NTDRS provides additional network capacity in the timeframe required for the First Digitized Division (FDD). The NTDRS will be the primary data hauler between the Brigade Tactical Operations Centers (TOC), the Battalion TOCs, high data rate logistics hosts and all mobile TOCs. It will help support the MSE TPN and EPLRS data networks for the FDD. It also provides: operation on-the-move in all terrain and foliage, Tactical Multinet Gateway/Internet Controller interfaces for seamless links with SINCGARS data, MSE TPN, and EPLRS data nets, compliance with the Joint Technical Architecture-Army and secret high system operations.

Army Key Management System (AKMS)	EMD/PFDOS	III	PEO, C3S (BG Boutelle)	PM, WIN-T	PJ	PEO, C3S
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AKMS is the Army’s system to automate the functions of Communications Security (COMSEC) key management control and distribution, Electronic Counter-Countermeasures (ECCM) generation and distribution and Signal Operation Instructions (SOI) management. The program is under the auspices of Product Manager Communications Management Systems. AKMS will electronically generate and distribute Army key and key-related material, thereby limiting adversarial access to, and reducing the vulnerability of, Army Command, Control, Communications, Computers and Intelligence (C4I) systems. AKMS capabilities will also increase operational flexibility and reduce force response time. It provides communications and network planning and key management. The AKMS automates key generation and distribution while supporting joint interoperability. Direction was provided in Fiscal Year 98 to separate the Local COMSEC Management Software (LCMS) from the Automated Communications Engineering System (ACES). LCMS is the COMSEC accounting and generation software and ACES is the network planning software. This action will insure interoperability with the other services, improve the user acceptance of the system, and allow the Project Manager to more efficiently maintain configuration management for existing and future Army systems. AKMS is part of the management/support infrastructure for the Warfighter Information Network-Terrestrial (WIN-T) program, which provides critical functions for the Army’s digital systems and Force XXI digitization effort.

Army Threat Simulators	PDRR/EMD/PFDO	III	CG, STRICOM (BG Bond)	PM, ITTS	PJ	CG, STRICOM
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The Threat Simulators program consists of hardware simulators and software simulations of threat weapons systems required for US Army testing and training. These systems provide a realistic opposing force environment for developmental and operational Test and Evaluation of Army tactical systems and meet selected Tri-Service requirements.

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Asset Management System (AMS)	PFDOS	III	CG, MTMC (MG Privratski)	PM, AMS	PD	CG, MTMC

A LAN Client/Server and Web based Automated Information System designed to support the management of commercial leased/purchased and DOD-owned intermodal containers and the Defense Freight Railway Interchange Fleet.

Automatic Building Machine (ABM)	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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The ABM is a commercially available mobile factory that enables engineers to quickly construct metal buildings.

Automatic Chemical Agent Alarm (ACADA) M22	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, NBC Defense	PJ	DAR, SBCCOM
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The Automatic Chemical Agent Alarm/Non-Developmental Item (ACADA/NDI) is a man portable automatic alarm system capable of detecting blister and nerve agents. The ACADA/NDI operates with no human interference after system start-up, detects automatically for a minimum of 24 hours, provides audio and visual alarms, and has a communication interface to support battlefield automation systems. The ACADA/NDI meets the critical needs of the U.S. Forces for an automatic point sampling chemical agent alarm.

Aviation Combined Arms Tactical Trainer - Aviation Reconfigurable Manned Simulation (AVCATT-A)		III	CG, STRICOM (BG Bond)	PM, CATT	PJ	CG, STRICOM
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AVCATT-A is the second acquisition in the CATT family. It includes an expansion of the CCTT infrastructure (terrain, SAF, AAR, etc.) and addition of reconfigurable manned modules to support Aviation Collective training tasks. AVCATT-A supports Total Army training, with fielding to both the Active Army and Reserve/National Guard. AVCATT-A will be capable of both stand-alone Aviation focused training and linking with CCTT for robust Combined Arms training exercises. The addition of AVCATT-A to the CATT family greatly benefits the Army, allowing critical Air-Ground synchronization tasks to be trained and practiced.

Aviation Fuel Testing Kit	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
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The Aviation Fuel Testing Kit is a self-contained, portable test kit used to test aviation fuels to ensure that only dry, uncontaminated fuels are used.

Aviation Maintenance Shelter	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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The AMS will be a portable, lightweight temporary facility to support Army rotary-wing and fixed-wing aircraft maintenance in forward operational areas without fixed facilities. The AMS is needed by all aviation maintenance units and will be capable of sheltering the following aircraft: UH-60, CH-47D, AH-64, OH-58D, MH-60K, MH-47E, C-12, and RC-12 aircraft. The AMS will be used at Intermediate Staging Bases and at semi-fixed sites supporting a wide variety of contingency operations.

* Sorted By Program Title

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** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project

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ACAT III by Pgm (Non-AIS)						
Program	Current	ACAT	MDA (Name)	PM	PM Level	Organization Reports To
Aviation Mission Planning System (AMPS)	PFDOS	III	PEO, AVN (MG Snider)	PM, AEC	PJ	PEO, AVN
The Aviation Mission Planning System is a planning/battle synchronization tool that will automate aviation mission planning tasks. It will also provide generation of mission data in either hard copy or electronic formats. The AMPS includes tactical command and control, mission planning, mission management, and maintenance management. The AMPS interfaces with the Maneuver Control System and associated networks. This interface will furnish the aviation commander with continuous situational awareness, allowing the commander to rapidly adjust his plan to accomplish his assigned mission.						
Aviator's Night Vision Imaging System Heads Up Display (ANVIS HUD)	PFDOS	III	PEO, IEW&S (MG Gust)	PM, NV/RSTA	PJ	PEO, IEW&S
The Heads Up Display (HUD) is a modification to the GEN III Aviator's Night Vision Imaging System which allows crew members to spend more time looking through their windshields and less time looking down at their instrument panels. The HUD places critical aircraft symbology as an overlay to their goggle image.						
Ballistic Hardened Shelter	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
This effort will provide a HMMWV mounted shelter with inherent ballistic protection. Several programs, including THAAD and GBR have a requirement for increased survivability of personnel and mission equipment through increased ballistic protection. Modeling and Simulation will be used to analyze and develop a structural design that balances protection afforded and system weight. Techniques to be investigated and evaluated include external protective blankets, internal protective drapes, wall construction with kevlar, ceramic, or spectra material skin.						
Ballistic Missile Targets Joint Program Office	*	III	SMDC (LTG Costello)	PM, BMT JPO	PJ	SMDC
As an integral part of the US Army Space and Missile Defense Command (USASMDC), the BMTJPO develops and provides ballistic missile targets for testing of critical Army, Navy, and Air Force missile defense systems and technology programs. The BMTJPO serves as the executing agent for the Ballistic Missile Defense Organization's (BMDO) Consolidated Targets Program. As such, it manages requirements analysis, acquisition, technical development, instrumentation, integration, and launch of all ballistic missile targets in support of Joint-Service theater and national missile defense requirements. The consolidated targets suite provides highly complex targets to support Major Defense Acquisition Programs (MDAP) such as Theater High Altitude Area Defense (THAAD), Patriot, Navy Theater Wide, Navy Area Wide, USAF Airborne Laser, and Ground Based Interceptor (GBI). It encompasses the use of a wide variety of targets necessary to replicate threat missile signatures for use as Theater Missile Defense targets, and many reentry vehicles, replicas, decoys, and penetration aids dispensed from the Multi-Service Launch System (MSLS) or the Strategic Target System (STARS) boosters for National Missile Defense targets. This office also provides close coordination of Army missile defense technologies to ensure that advancements in sensors, weapons, and other technologies are integrated into developing target systems.						
* Due to the nature of the program, systems are in various acquisition phases.						
* Sorted By Program Title						
** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project						
Manager						
PD = O-5/GS-14 Product Manager Title if None of the Above						
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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Ballistic Protective System	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM

The Ballistic Protective System is a lightweight, modular system designed to provide ballistic protection to soldiers in vehicles and shelters as well as to static equipment such as ammunition stores.

Ballistic Protective System (BPS)	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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BPS provides fragmentation protection against indirect fire munitions for supplies and equipment. The BSP consists of modular interlocking panels which have an outer shell of camouflage patterned fabric that reduces threat identification. An inner layer of flexible, ballistic-resistant material provides protection from fragmentation. The panels include a V50 rating of 1500 feet per second velocity for 44-grain fragments and weigh approximately 1.2 lbs per square foot. One complete system includes sufficient panels to cover a fully loaded Palletized Loading System flatrack.

Base Shop Test Facility	PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, TMDE	PJ	DSA, AMCOM
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The Base Shop Test Facility (BSTF) is a member of the Integrated Family of Test Equipment (IFTE) and provides general purpose automatic electronic testing capability at the direct and general support levels of maintenance. The BSTF in the field is self-contained, consisting of the tester and associated test program sets mounted in two S-280 shelters, on two five-ton trucks, powered by two 60kW generators. The IFTE was designated a DOD standard family of testers in Apr 94.

Binoculars, Stabilized XM25	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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This program will provide a high power stabilized binocular for use as a surveillance and battle damage assessment device. This program in support of the Soldier Enhancement Program.

Biological Integrated Detection System (BIDS)	PFDOS	III	JPM, BD (BG Cain)	PD, BD	PJ	JPO, BD
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BIDS is an integrated biological detection suite employing complementary technologies for large area detection, identification and warning that a biological attack has occurred. The system is installed in an M-788 shelter which is mounted on an M-1097 HMMWV. BIDS is a three phased program. The first 38 BIDS NDI systems were fielded to the 310th Chemical Company in 4QFY96 . The second company of 38 BIDS P3I systems are being fielded to the 7th Chemical Company at Ft. Polk. Fielding will be completed 4QFY99 . The third company of 38 BIDS systems will be fielded with the Joint Biological Point Detection System (JBPDS) beginning in FY 01. The JBPDS is a common biological detection suite utilized by all the Services.

* Sorted By Program Title

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Manager

PD = O-5/GS-14 Product Manager Title if None of the Above

<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Boresights for Aimpoint and Thermal Systems (BATS)	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
Provides a small arms dry zeroing/boresighting device for thermal. infrared laser pointer and close combat optics-weapon configurations. It is desired to maximize commonality with existing M30 components.						
Bradley Fire Support Vehicle (BFIST)	EMD/LRIP	III	PEO, GCSS (MG Michitsch)	PM, BFVS	PJ	PEO, GCSS
The BFIST provides an integrated Bradley-based fire support platform that allows company fire support teams and battalion/brigade fire support officers to plan, coordinate, execute, and direct timely, accurate indirect fires.						
Bradley Linebacker	PFDOS	III	PEO, GCSS (MG Michitsch)	PM, BFVS	PJ	PEO, GCSS
The M6 Bradley Linebacker is a dedicated Forward Area Air Defense (FAAD) for the heavy maneuver forces that provides equivalent signature, survivability, and mobility. The system can engage and defeat a variety of threat platforms including rotary wing aircraft, unmanned aerial vehicles, cruise missiles, fixed wing aircraft, and other air defense systems. The Linebacker is a BFVS A2 ODS, modified by replacing the TOW launcher with a four-missile STINGER launcher. This modification provides the crew with the capability of conducting a ground-to-air engagement while remaining under armor protection. The Linebacker also incorporates the Forward Area Air Defense Command and Control System (FAADC2) software on a Handheld Terminal Unit (HTU). By integrating GPS and FAADC2 the Linebacker provides an automated Slew-to-Cue function.						
C23 Fixed Wing Aircraft	PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, Fixed Wing Aircraft	PD	DSA, AMCOM
Twin turbo prop, high wing, cargo aircraft. Capable of operations from unimproved runways. Equipped for paradrop, medevac, cargo missions with rear ramp.						
C4I Simulations Systems (C4ISS)	PDRR/EMD	III	CG, STRICOM (BG Bond)	PM, C4ISS	PD	CG, STRICOM
C4ISS program integrates specific activities of ground warfare (engagement and maneuver), Command Control Communications Computers and Intelligence (C4I), combat support and combat service support. One major component is OneSAF, a composable, next generation CGF that represents a full range of operations, systems and control processes from individual combatant and platform to battalion level. OneSAF provides a variable level of fidelity that supports all modeling and simulation (M&S) domains and employs appropriate representations of the physical environment and its effect on simulation activities and behaviors. A second major component, STOW-A, develops (within the Army) a capability to operate in a distributed, seamless, interactive environment between selected live, virtual and constructive simulations linked to Command Control Communications Computers Surveillance and Reconnaissance (C4ISR) systems.						

* Sorted By Program Title

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Calibration Sets Equipment	EMD/PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, TMDE	PJ	DSA, AMCOM

The Calibration Sets Equipment program provides calibration standards, auxiliary equipment, accessories, and repair equipment required for the Army's test, measurement, and diagnostic equipment (TMDE) calibration and repair program. This equipment is used by direct support/general support maintenance units to verify accuracy of TMDE and ensure legal traceability to standards established and maintained by the U.S. National Institute of Standards and Technology.

Camouflage Cover, Concealment and Detection Avoidance Shelter	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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The Camouflage, Concealment and Detection Avoidance Shelter is a 2 year streamlined R&D program that begins in FY00. It will develop a capability to provide rigid wall shelters a reduced signature with respect to visual, thermal, near IR, and radar detection without the use of external camouflage netting. This program will provide signature management as an inherent part of the shelter.

Canister-Launched Area Denial System (CLADS)	PDRR	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
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Deploys a variety of non-lethal payloads from a Volcano canister to create rapidly emplaced non-lethal barriers. Uses Volcano Dispenser half rack on a HMMWV.

Carbine, M4	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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The M4 Carbine is a smaller, lighter version of the M16A2 rifle. It is a 5.56mm, gas operated, air-cooled, magazine-fed, selective rate shoulder fired weapon. It is fed by a 30 round aluminum magazine and is designed for use in close quarters. It is the fleet replacement weapon for the .45 caliber M3 submachine gun and selected M9 and M16 series weapons.

Cargo Bed Covers	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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Cargo Bed Covers are low-cost, lightweight, general purpose enclosures designed to protect mission equipment from the harmful effects of environmental exposure.

Cargo Utility GPS Receiver (CUGR) AN/ASN-175	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, GPS	PD	DSA, CECOM
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The CUGR is a self-contained, six channel aircraft receiver that processes GPS signals and provides position, velocity, and time (PVT) information.

<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Chaplains Logistic Support Package	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM

The CLSP is needed to enhance the ability of Brigade and Battalion level Unit Ministry Teams’ capability to carry ecclesiastical supplies, administrative supplies, and computer hardware in a consolidated package wherever they travel on the battlefield. The CLSP container will carry two packaged chaplain resupply kits, a notebook computer, assorted publications, forms and personal religious items required by the chaplain. The container will function as an altar/field desk.

Close Combat Optics, M68	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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An optic sight which enhances the combat effectiveness of the M16A2 Rifle and M4 Carbine. The sight allows the soldier to fire the weapon with both eyes open. A Soldier Enhancement Program supporting the Land Warrior Program.

Cockpit Air Bag System (CABS)	EMD	III	PEO, AVN (MG Snider)	PM, ACIS	PJ	PEO, AVN
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The CABS is a crash activated, inflatable protection system for application to the Army rotary wing Force Modernization fleet. It provides aircrew members improved crash survivability and reduced potential injuries and fatalities by rapid deployment during the onset of a crash, supplementing the current restraint system in a survivable crash. Joint Service application of CABS to similar aircraft is being pursued.

Command and Control Vehicle	EMD	III	PEO, GCSS (MG Michitsch)	PM, BFVS	PJ	PEO, GCSS
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The Command and Control Vehicle (C2V) is a fully tacked, armored system that will provide battalion-through-corps battle staffs a highly mobile, survivable, and reconfigurable platform capable of hosting current and future Command, Control, Communications, Computer, and Intelligence (C4I) systems. TheC2V integrates the following components: a modified M993 carrier, BFV 600 HP engine, TEC transmission, 10 meter mast system, primary power unit, armored enclosure, individual/collective Bio-Chem system, environmental control system, 1553 data bus, power distribution system, and a reconfigurable C4I Mission Equipment Package (MEP).

Common Bridge Transporter (CBT)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, HTV	PJ	DSA, TACOM
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The Common Bridge Transporter (CBT) consists of a combination of a ribbon bridge launcher and retrieval mechanism Load Handling System (LHS) mounted on a Heavy Expanded Mobility Tactical Truck (HEMTT) chassis. The system consists of the transporter, Bridge Adapter Pallets (BAPs) and Boat Cradles. The transporter shall have the capability of transporting, launching and retrieving the fielded ribbon bridge interior bay, ramp bay, bridge erection boat, and bridge adapter pallet. The CBT shall also load/ unload and transport the Palletized Load System (PLS) NATO standard flatracks.

Program	Current	ACAT	MDA (Name	PM	PM Level	Organization Reports To
Communications Console System (CCS)	PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, ATC	PD	DSA, AMCOM
A communication system switching device for low to medium density air traffic control sites. Targeted sites include locations lacking adequate communications capability or those locations using obsolete AN/FSW-8 communications consoles. This system augments the National Airspace System.						
Compactor Hi-Speed Tamp, Self-Propelled	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MHE	PD	DSA, TACOM
This is a reprocurement of a Non-Developmental Item (NDI) to fill existing shortages and replace over-aged equipment in construction support units. The compactors will be self-propelled, diesel powered, tamping machines for high speed embankment compaction.						
Construction Equipment Service Life Extension Program (SLEP)	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MHE	PD	DSA, TACOM
This Army provides SLEP for Construction Equipment (CE). This SLEP program is expected to extend the life of CE equipment by approximately 10-15 years thus saving on overall new procurement.						
Containerized Batch Laundry	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
The Containerized Batch Laundry (CBL) provides the capability to wash and dry 200 pounds of clothes per hour in a safe and clean environment. One CBL can replace two of the current Army M-85 trailer-mounted laundry systems. To conserve water, the system is equipped with water reuse capability capturing up to 30% of the water used. The CBL is currently in production for the Force Provider system.						
Containerized Kitchen	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
The Containerized Kitchen consists of standardized kitchen components (including grill, cooking racks, field ovens) carried in an 8x8x20 ISO container mounted on a tactical trailer. It is a required element of the Army Field Feeding System-Future.						
Containerized Self Service Laundry	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
This item allows soldiers to wash their personal clothing. Positioned at brigade support areas, it allows field service companies to move forward to service forward area troops. Consists of commercially available laundering equipment mounted in a standard ISO container.						
Containerized Shower	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
The Containerized Shower provides safe, sanitary and modern shower facilities in mature theaters of operation.						

* Sorted By Program Title

** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project

Manager

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Counter Intelligence/Human Intelligence (CI/HUMINT)	EMD/PFDOS	III	PEO, C3S (BG Boutelle)	PM, Intel Fusion	PD	PEO, C3S

CI/HUMINT Automated Tools Set (CHATS) is the CI/HUMINT component of the Intelligence and Electronic Warfighter (IEW) sub-element of the Army Battle Command System (ABCS). It is the intelligence automation system that meets the Army tactical CI/HUMINT information collection, investigation, interrogation, operation, document exploitation, and force protection automation requirements. Operating up to the SECRET level, the CHATS enables CI/HUMINT team leaders to manage assets and analyze information collected through investigations, interrogations, collection, and document exploitation. CI teams can store collected information electronically in a local database, associate information with digital photography, interactively generate standard messages, transmit/receive information over existing military and civilian communications, query stored information in local databases and share databases with like systems. CHATS provides these functions using (primarily) a combination of Commercial-Off-the-Shelf and tailored Government-developed software, operating on the CHATS laptop computer within a hardened transport case. CHATS is interoperable with the Defense Counter Intelligence Information System (DCIIS) and is Y2K compliant.

Crane, Shovel Crawler	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MME	PD	DSA, TACOM
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The 40 Ton Crawler Crane is a piece of commercial construction equipment that, when combined with various attachments, is capable of performing a selected number of tasks in support of horizontal and vertical construction, quarry and asphalt operations, and off-shore and pier facilities in the areas of maintenance and construction by engineer port construction companies. Typical tasks are construction, repair and maintenance of forward area landing strips, heliports, logistical support facilities, port facilities, roads and bridges. The basic crane-shovel consists of a fully revolving (360 degree) superstructure with a basic 50 foot boom and a 40 ton block tackle. It is capable of being converted for use in lifting, clamshell, dragline, pile driving, wrecking ball, shovel and backhoe operations.

Crane, Truck, Warehouse	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MME	PD	DSA, TACOM
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This crane is an industrial warehouse materiel handling crane with a self-propelled rotating and telescoping boom. It is diesel engine driven and can be used on paved or semi-paved surfaces. It is authorized TDE& TDA organizations at depots, ports and army installations. This crane can lift loads up to 10K lb..

Crushing, Screening and Washing Plant (CSWP)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MME	PD	DSA, TACOM
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This item is a portable, diesel/electric powered system composed of a primary Jaw Crushing unit, a secondary crushing unit, and a tertiary washing and screening unit, delivery conveyors, power generation equipment, and all other components required to provide a complete and operational crushing and screening plant. The crushing/screening plant produces a minimum of 150 tons per hour of product suitable for base stone and concrete aggregate materials to be used in construction and maintenance of roads and airfields.

* Sorted By Program Title

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** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project

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PD = O-5/GS-14 Product Manager Title if None of the Above

<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
CTG, 25mm, M919	PFDOS	III	PEO, GCSS (MG Michitsch)	PM, TMAS	PJ	PEO, GCSS
The M919 is an enhanced armor piercing cartridge with increased penetration and range performance over older armor piercing cartridges that incorporates improved kinetic energy (KE) penetrator materials, consolidated propellants and lower parasitic mass components.						
CTG, 60 mm Mortar, IR Illumination XM767	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Mortars	PD	DSA, TACOM
A 60mm mortar infrared illumination round with M776 mechanical time fuze.						
CTG, Mortar 120mm XM929 Smoke	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Mortars	PD	DSA, TACOM
A 120MM smoke obscurant mortar round with M745 PD fuze.						
CTG, Mortar 60mm M888	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Mortars	PD	DSA, TACOM
A 60mm High Explosive round with M435 PD Fuze.						
CTG, Mortar, 120mm XM930 Illumination	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Mortars	PD	DSA, TACOM
A 120mm illumination mortar round with M776 mechanical time fuze.						
CTG, Mortar, 120mm, IR Illumination XM983	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Mortars	PD	DSA, TACOM
A 120mm mortar infrared illumination round with M776mechanical time fuze.						
CTG, Mortar, 120mm, M929 Smoke	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Mortars	PD	DSA, TACOM
A 120mm smoke obscurant mortar round with M734A1 multi-option fuze.						
CTG, Mortar, 120mm, M931, Full Range Training	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Mortars	PD	DSA, TACOM
A 120mm mortar full range training round.						

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CTG, Mortar, 120mm, M933 HE	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, Mortars	PD	DSA, TACOM
120mm high explosive mortar round with M745 PD Fuze.						
CTG, Mortar, 60mm M721	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, Mortars	PD	DSA, TACOM
A 60mm mortar standard white light illumination round with M776 fuze.						
CTG, Mortar, 60mm M766	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, Mortars	PD	DSA, TACOM
A 60mm mortar low cost, short range practice round. Reusable (25X), eliminates sabot and separate sub-cal cartridges for each zone.						
CTG, Mortar, 60mm, M720A1 HE	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, Mortars	PD	DSA, TACOM
A 60MM High Explosive round with M734A1 multi-option fuze.						
CTG, Mortar, 81mm M821A1	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, Mortars	PD	DSA, TACOM
An 81mm mortar high explosive round w/M734 Multi-Option Fuze.						
CTG, Mortar, 81mm XM816	EMD	III	DSA, TACOM (COL(P Harrington)	PM, Mortars	PD	DSA, TACOM
An 81mm mortar infrared illumination round with M772 mechanical time fuze.						
CTG, Mortar, 81mm, M889A1	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, Mortars	PD	DSA, TACOM
An 81mm mortar high explosive round w/M935 Point Detonating Fuze.						
CTG, Mortar, M821A2	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, Mortars	PD	DSA, TACOM
An 81mm mortar high explosive round with M734A1 multi-option fuze.						

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CTG, Mortar, M934, HE	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, Mortars	PD	DSA, TACOM
120 mm high explosive mortar round with M734 Fuze.						
CTG, Mortar, M934A1, HE	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, Mortars	PD	DSA, TACOM
120mm high explosive mortar round with M734A1 Fuze						
DCSS - Digital Equipment	PFDOS	III	DSA, CECOM (COL(P Mazzucchi)	PM, DCATS	PJ	DSA, CECOM
The Digital Communications Satellite Subsystem (DCSS) encompasses the modulation, multiplex, coding and processing equipment necessary to assemble various types of user data into a digital form suitable for transmission over a satellite link in both the protected and unprotected modes. DCSS is deployed as part of the Defense Satellite Communications System (DSCS) and essentially provides a unique wideband digital transmission capability. DCSS is required at each Earth Terminal Complex with the DSCS Network in either a building or a van configuration, and its modular design permits unique configurations to meet each DSCS site's specific communication requirement.						
Defense Advanced GPS Receiver (DAGR)	EMD	III	DSA, CECOM (COL(P Mazzucchi)	PM, GPS	PD	DSA, CECOM
The DAGR is a handheld, pocket stored, standalone GPS receiver being designed as the replacement for the Precision Lightweight GPS Receiver (PLGR).						
Defense Communications and Army Transmission Systems (DCATS)	PFDOS	III	DSA, CECOM (COL(P Mazzucchi)	PM, DCATS	PJ	DSA, CECOM
The Defense Communications and Army Transmission Systems (DCATS) program office provides strategic satellite and terrestrial communication systems in support of the Defense Communications System (DCS) and Army base information infrastructure systems. These systems support the National Command Authority, strategic DoD components, Army echelons above corps (EAC), and other strategic information infrastructure projects as assigned by OSD, the Joint Staff and HQDA. PM DCATS provides the latest state-of-the-art wideband commercial and military communications equipment available to enhance long-haul transmission system performance.						
* Sorted By Program Title						
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Defense Satellite Communications System (DSCS)	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, DSCS-T	PD	DSA, CECOM

The DSCS provides Super High Frequency (SHF) wideband and Anti-Jam (AJ) satellite communications supporting critical national strategic and tactical C3I requirements. It must be survivable during trans- and post- nuclear attack to support communications essential to national survival. The DSCS supports the Army warfighter as well as the unique and vital Department of Defense (DOD) and non-DOD users, as approved by the Joint Staff and/or Secretary of Defense (SECDEF). The DSCS is used in conjunction with the terrestrial transmissions of the Defense Information System Network (DISN) and other communications systems to provide end-to end communications. The DSCS provides long-haul service between the Continental United States (CONUS), over seas locations, and among overseas Worldwide Military Command and Control System (WWMCCS) activities.

Defense Satellite Communications System - Terminals (DSCS-T)/DSCS Mod-of-in-Service Equipment	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, DSCS-T	PD	DSA, CECOM
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These modifications will modernize the aging Heavy Terminal/Medium Terminal (HT/MT) and AN/GSC-52 medium terminal (MT) so that all Defense Satellite Communications System (DSCS) Super High Frequency (SHF) strategic earth terminals use common electronics and logistics support. The result will extend the life of the terminals, increase readiness, reduce training and logistics support, conserve and improve maintainability. This modernization effort will eliminate system obsolescence, modernize existing equipment and provide component commonality with other existing strategic terminals.

Deployable Power Generator and Distribution System	PDRR	III	DSA, CECOM (COL(P) Mazzucchi)	PM, MEP	PJ	DSA, CECOM
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This is a joint program involving PM-MEP, the Air Force Systems Command, Air Combat Command (ACC), USA Training and Doctrine Command (TRADOC) and US Army Prime Power Battalion (249th Engr Bn). This effort will modernize and replace the Air Forces' Bare Base (Harvest Eagle/Falcon) and the Army's Prime Power Battalion (249th Engr Bn). This program will acquire, using predominantly commercial components, new generator sets and power distribution systems to replace the current aging, difficult to maintain Harvest Eagle/Falcon and Prime Power assets -- including the older MEP 012A 750 kW diesel generators. Upon satisfactory completion of development, the generator sets will be established as a DoD MEP standard and the remainder of the distribution systems will be type classified/approved by respective Services for acquisition.

Deployable Universal Combat Earth Mover (DEUCE)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MME	PD	DSA, TACOM
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The DEUCE is a high-speed, high mobility, earth-moving system capable of conducting the following activities: clearing, leveling, and excavation operations in support of mobility, countermobility, survivability, and sustained light engineering missions.

Digital BRITE Radar Indicator Tower Equipment (DBRITE)	PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, ATC	PD	DSA, AMCOM
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A BRITE-TV type display to ensure flight safety and proper spacing. It is capable of providing the tower controller with positive identification, location, altitude and speed of aircraft within the tower and GCA/FF control zones.

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Digital Topographic Support System (DTSS)	EMD	III	PEO, C3S (BG Boutelle)	PM, CTIS	Project Officer/D irector	PEO, C3S

The DTSS is a standard, automated, tactical combat support system capable of receiving, reformatting, creating, manipulating, merging, updating, storing, and retrieving digital topographic data, then processing these data into hardcopy and softcopy topographic products. The DTSS accepts topographic and multispectral imagery data from the National Imagery and Mapping Agency standard digital databases and from commercial sources. DTSS functional capabilities include creation of intervisibility, mobility, environmental, 3- terrain visualization and special-purpose products; and the creation, augmentation, modification and management of topographic data. The DTSS will provide updated map background and terrain intelligence information to all the Army Battle Command System (ABCS) workstations on the battlefield, and accept terrain intelligence/data updates from these systems. The DTSS uses the latest Commercial-Off-The-Shelf (COTS) technology in printers, scanners, and computer workstations combined with image processing and geographic information system software. The DTSS will be supported by environmental control units, generators, and communication equipment, which is part of the standard Army inventory. The tactical system will be produced in two variants: the Heavy (DTSS-H) and Light (DTSS-L). The DTSS-H will be housed in a 20-foot ISO shelter and mounted on a standard 5-ton truck. The DTSS-L will be housed in a lightweight multipurpose shelter mounted on High-Mobility Multipurpose Wheeled Vehicle (HMMWV).

Dispenser, Mine M139	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
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Carries and dispenses Volcano Canister, mounted on 5-ton truck, M548 or UH-60 Helicopter.

Disperser, Riot Control Agent, Manually Carried: Mid-size, XM37	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Enhanced Soldier Systems	PD	DAR, SBCCOM
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The XM37 Mid-Size Riot Control Disperser (MRCD) is a Soldier Enhancement Program (SEP). The program is designed to provide a lightweight riot control disperser by examining non-developmental items and resting their suitability for military use. Refill and Repressurization kits that will interface the MRCD with existing military compressors and riot control agent containers are also being developed under a separate SEP. This item is a new capability and will not replace an item already fielded.

Doppler/GPS Navigation Set (DGNS)	PFDOS	III	PEO, AVN (MG Snider)	PM, AEC	PJ	PEO, AVN
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The DGNS provides Army Aviation utility and cargo aircraft with extremely accurate and secure location and velocity information critical to navigation. It also provides Universal Coordinate Time for communication systems and assists in situational awareness and prevention of fratricide.

DSCS Operations Control System (DOCS)	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, DCATS	PJ	DSA, CECOM
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DOCS is comprised of numerous subsystems that provide real-time control of DSCS III Satellites and ground based terminal equipment's. DOCS also provides an enhanced control capability that allows rapid reconfiguration of satellite resources adaptable to deployment requirements of the warfighter.

<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Dual Mount MK93, Mod 1	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM

Provides improved weapon mount compatible with both the M2HB .50 cal MG and the MK19 40mm GMG. In support of Soldier Enhancement Program.

Electronic Repair Shelter	PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, TMDE	PJ	DSA, AMCOM
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The Electronic Repair Shelter (ERS) provides a capability for field level repair of circuit card assemblies in line replaceable units and shop replaceable units. It consists of a circuit card tester and two or more electronic repair work-stations, all packaged in an environmentally-controlled shelter. The ERS will be fielded to general support maintenance units at corps level and above, and it will reduce operating and support costs by avoiding the need for evacuation of faulty components to depots or contractors' plants for repair.

Embedded Global Positioning System (GPS) Inertial Navigation System (EGI)	PFDOS	III	PEO, AVN (MG Snider)	PM, AEC	PJ	PEO, AVN
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The EGI provides Army Aviation scout and attack aircraft with extremely accurate and secure location and velocity information critical to navigation, target acquisition, fire support, assessment of enemy deployments, and logistical support. It also provides Universal Coordinated Time for communication systems and assists in situational awareness and prevention of fratricide.

EMI Hardened Non-Expandable Rigid Wall Shelter	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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This program will incorporate electromagnetic interference shielding into the Army Standard Family ISO Rigid Wall Shelters. It consists of fabric reinforced woven metal cloth and sliding retainer fastening devices, over hinged joints. The fabric reinforced woven metal cloth material will be permanently attached to the adjoining panel surfaces providing continuity with the capability to fold with the hinged panels. In latching panel areas, the same material will be used with the sliding retainer fastening devices to provide quick installation where permanent installation is impossible.

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Enhanced Soldier Systems	*	III	DAR SBCCOM (COL(P) Mangual)	PM, Enhanced Soldier Systems	PD	DAR, SBCCOM

Enhanced Soldier Systems is a compilation of ACAT III and IV products centrally managed the PMO. The products within this program consist of nearly every item that is worn, carried or consumed by the individual soldier. This includes uniforms, specialty clothing items, and chemical biological protective overgarments. Also included are individual equipment items such as sleeping bags, individual shelters and specialty items such as riot control equipment and protective body armor. There are three major components of the ESS program; Clothing and Individual Equipment, the Soldier Enhancement Program and Centrally Funded and Fielded items. There are approximately 110 items actively being developed or procured under the ESS program. In accordance with the concept of Total Life Cycle Management, the PMO is additionally responsible for approximately another 150 items that are either being developed in the Technical Base or have already been fielded.

* Systems managed under the Enhanced Soldier System are in all phases of development and production.

Enhanced Terminal Voice Switch (ETVS)	PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, ATC	PD	DSA, AMCOM
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Performs all control and switching functions needed for ATC voice communications. This includes air to ground to air communications with pilots as well as inter/intra facility voice communications. The switch will meet the needs of both ATC tower and terminal approach control facilities. The ETVS will be modular and customized to fit individual facility requirements.

Explosive Standoff Minefield Breacher	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
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A joint USMC/Army Program that will be capable of clearing a breaching path across all types of minefields.

Extended Range Rocket (ER-MLRS)	PFDOS	III	PEO, Tac Msl (BG Holly)	PM, Precision Guided Munitions	PD	PEO, TAC MSL
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ER-MLRS is a free-flight, area fire, artillery rocket designed to complement the capabilities of the MLRS. Its mission is to engage targets beyond the range of the existing MLRS rockets up to a range of approximately 45 kilometers. Greater range is obtained by lengthening the motor section to accommodate more propellant and incorporating the M451 Remote Settable Fuze which allows higher altitude flight. Accuracy is improved through the use of no-load detent bolts in the launch pods to reduce launch tip off errors and a launcher-mounted meteorological sensor to provide updated wind data to the fire control computer. The shortened payload section will house new XM85 Dual Purpose Improved Conventional Munition grenades equipped with electronic self-destruct fuzes to reduce hazardous duds for improved maneuver force safety. Current guidance is to produce a limited number of ER-MLRS until the Guided MLRS Rocket enters production in FY02.

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Extracted Parachute Jettison Device (EPJD)	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM

The EPJD allows for the jettisoning of malfunctioning extraction parachutes. The system employs a pyrotechnic release mechanism, which when fired, severs the extraction parachute from a load that has been hung up during airdrop operations. This allows the aircraft crew the ability to remotely disconnect the hung load from the parachute without risk of personal injury.

Family of Field Latrines	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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The Family of Field Latrines meets new operational requirements for latrine support across the entire spectrum of military operations. The Modular Initial Deployment Latrine is a readily available, portable and highly mobile latrine that accompanies the deploying personnel into a theater of operations. The Maturing Theater Latrine is a more stable, durable system available in the theater following initial deployment. The Follow On Latrine is a containerized system used in the mature theater in the rear area.

Family of Simulations	EMD/PFDOS	III	CG, STRICOM (BG Bond)	PM, WARSIM	PJ	CG, STRICOM
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The FAMSIM program consists of constructive simulation systems which provide man-in-the-loop command and control training for commanders and their staffs in a realistic, stress-filled environment for company/team through Echelons-Above-Corp levels. The program consists of the Corps Battle Simulation (CBS), Aggregate Level Simulation Protocol (ALSP), Brigade/Battalion Simulation (BBS) and Tactical Simulation (TACSIM).

Family of Space Heaters	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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Provides safe, efficient heat for soldiers, supplies and equipment in tents and shelters. The current non-powered military tent heaters (M-1940's and 50's) represent safety hazards in the field, provide poor combustion of diesel fuel, low combustion efficiencies and poor heat distribution in tentage. The FOSH replaces the current military tent heaters, overcoming current deficiencies and safety hazards and satisfy requirements for new military tentage developments, sizes and materials.

Field Artillery Ammunition Support Vehicle (FAASV)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Paladin/FAASV	PD	DSA, TACOM
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The FAASV Materiel Change (MC) encompasses the previously approved FAASV Howitzer Extended Life Program (HELP) and Survivability Materiel Changes. The MC incorporates M109 Family of Vehicle improvements into the FAASV in order to maintain a common chassis. These improvements include the Low-heat Rejection/Cold Start Engine, improved XTG 41104 Transmission, RAM improvements to the cooling, electrical and suspension systems, relocated heater and hydraulic reservoir, stronger fuel cells, and modifications to provide interoperability with the M109A6 Paladin Howitzer. The halon-charged fire extinguisher system will be replaced with an alternate agent system. The total FAASV MC effort for 664 systems will be performed at three sites: the Letterkenny Army Depot (442 systems), Korea (50 systems) and the remainder modified at a European site yet to be determined. In July 1996, a sole source contract to United Defense Limited Partnership was awarded for new production of 48 M992A2s for fielding to the Army National Guard as the companion resupply vehicle to Paladin.

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Field Incinerator	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM

Lightweight, easily maintainable and portable incinerator to be used during OOTW to reduce/eliminate the build-up of trash produced during normal/routine operations. A field service incinerator serves to provide a safe, economical and environmentally sound means of disposing of the trash produced during military operations during OOTW.

Fighting Position Excavator	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
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A command detonated explosive charge that will loosen soil and thereby reduce position preparation by at least 50%.

Fire Support Combined Arms	PFDOS	III	CG, STRICOM (BG Bond)	PM, GCTS	PD	CG, STRICOM
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The FSCATT is an integrated, individual and collective training system for the Field Artillery, consisting of a network of three training systems: a Howitzer Crew Trainer/weapon system strap-on devices, a Forward Observer trainer and a collective Training Control System. FSCATT exercises the FA gunnery team in realistic fire missions with a reduction in expenditure of ammunition and related operational costs.

Firefinder AN/TPQ-36(V)8 Electronics Upgrade	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, Firefinder	PD	DSA, CECOM
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Firefinder AN/TPQ-36(V)8 Electronics Upgrade replaces the shelter of the AN/TPQ-36 and incorporates the first electronics upgrade to the 1970s technology. The program corrects identified deficiencies in range, false target rate, target throughput, target classification and displacement time. The program replaces electronic components which are rapidly approaching obsolesence with standard Common Hardware/Software (CHS) and Commercial-Off-The Shelf (COTS) equipment.

Firefinder Block II (AN/TPQ-47)	EMD	III	DSA, CECOM (COL(P) Mazzucchi)	PM, Firefinder	PD	DSA, CECOM
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Firefinder Block II will replace the AN/TPQ-37 Artillery Locating Radar. Firefinder Block II will double the range of the current artillery range performance out to 60km and improve the target throughput in a highly mobile, transportable and survivable system. It will also provide a new capability of missile and rocket detection at ranges of 150 -300km and be capable of alerting Theater Missile Defense Systems.

Fixed Base Precision Approach Radar (FBPAR)	PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, ATC	PD	DSA, AMCOM
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The FBPAR is a non-tactical precision approach radar system that will provide the capability to conduct area surveillance and precision approach control for aircraft departures and arrivals in all weather conditions on a 24-hour basis. The FBPAR will replace the AN/FPN-40/FSQ-84 Ground Controlled Approach Radar/Air Traffic Control Radar Beacon System.

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Fixed Wing Aircraft Upgrades	PDRR	III	DSA, AMCOM (BG(P) Armbruster)	PM, Fixed Wing Aircraft	PD	DSA, AMCOM
Various avionics upgrades to make aircraft compatible w/ future international nav. requirements, improve aircraft pilotage, and increase aircraft life.						
Food Sanitation Center	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
The Food Sanitation Center provides a capability to clean/sanitize food service equipment.						
Force Provider	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, Force Provider	PD	DAR, SBCCOM
Force Provider is a containerized highly deployable "city" designed and engineered to provide climatic-controlled billeting, dining facilities, showers, latrines, laundry and morale, welfare and recreation facilities in modules for 550 soldiers. Force Provider missions provide rest and refit facilities for combat weary soldiers, theater reception, intermediate staging base redeployment and base camps for other military operations, such as humanitarian and disaster relief, and peacekeeping/enforcement missions. The Army objective is 36 modules and 12 cold weather kits for operations to -15 degrees F.						
Forward Area Refueling Equipment (FARE)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
FARE provides forward area refueling of helicopters and aircraft and may also be used to refuel ground vehicles and to support special operational requirements. It consists of a 100 GPM, gasoline engine driven, diesel engine driven, or electric motor driven, pump and power source, a 100 GPM Filter Separator and hose, couplings, wyes and tees and sundry accessories.						
Forward Area Water Point Supply System (FAWPSS)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
This system consists of hoses, nozzles, six 500 gallon drums and a 125 GPM pump. It is used to provide fresh water at company level near the combat zone. FAWPSS is a part of CENTCOM's near-term water supply equipment.						
Fuel Handling Hoseline Outfit	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
The hoseline outfit is required in Corps support units (QM POL Supply Companies and QM Pipeline Terminal Operating Companies) to pass fuel forward from Corps areas to Division areas and, if the tactical situation permits, from division areas forward.						

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Fuel System Supply Point	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM

The Fuel System Supply Point (FSSP) is the Army's primary means of distributing and issuing bulk petroleum to combat forces under tactical conditions. The system consists of: 2 ea. 350 GPM Pumps; 2 ea. 350 GPM Filter Separators; hoses, fittings, wyes and tees, and 6 ea. fabric petroleum tanks.

Generator Set, Smoke, Mechanical: Pulse jet, M157A2	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, Smoke & Obscurants	PD	DAR, SBCCOM
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The M157A2 modification program [MA4501] meets the needs of the U.S. Army to immediately satisfy the requirement for a safe, reliable, operationally effective mobile smoke generator system. It incorporates essential user requested safety and operational improvements such as a smaller control panel, improved fire detection equipment, fuel filter/water separator assembly, and a new engine head. These features combine to expand the operational capability from sea level to 8,000 feet. The modification kit program upgrades the basic M157 Smoke Generator Set to the M157A2 Multifuel Smoke Generator Set mounted on a motorized M1037/M1097 HMMWV or mechanized M1059A2/A3 prime mover.

Generator, Smoke, Mechanical: Motorized for dual purpose unit, M56	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, Smoke & Obscurants	PD	DAR, SBCCOM
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The M56, mounted on the High Mobility Multipurpose Wheeled Vehicles M1113 (HMMWV), disseminates smoke on the move and from stationary positions. It is designed to operate in support of light and airborne maneuver units to defeat enemy sensors and smart munitions such as tank thermal sights, guided munitions, direct energy weapons, and other systems operating in the visual through far-infrared regions of the electromagnetic spectrum. The system uses a turbine engine as a power source to disseminate large area obscurant clouds. The visual screening module is capable of vaporizing fog oil for up to 90 minutes and the infrared module is capable of disseminating a particulate material to provide 30 minutes of screening. A Driver's Vision Enhancer (DVE) modification program was initiated. A pre-planned product improvement (P3I) modifcaiton program for next generation millimeter wave (MMW) obscuration will be capable of producing a 30 minute MMW screen.

Generator, Smoke, Mechanical: Mechanized smoke obscurant system, M58	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, Smoke & Obscurants	PD	DAR, SBCCOM
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The M58 Smoke Generator System is mounted on the M113A3 Armored Personnel Carrier (APC). It permits the same capability of smoke and obscurant protection as the M56, but adds it to the heavy maneuver units. A Driver's Vision Enhancer (DVE) and gas particulate filter unit (GPFU) are also included in this system for Chem/Bio protection. Beginning in FY99 program efforts were re-directed toward the selection of a vehicle chassis for the fielding of a tracked M58 system with sufficient capacity to include additional obscuration capability. A follow-on Modification program is programmed to incorporate the new MMW obscurant technology. The planned system will have mobility equal to the mechanized forces that it supports.

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Global Broadcast Service (GBS)	PFDOS	III	PEO, C3S (BG Boutelle)	GBS Joint Program Office	PG	PEO, C3S

GBS is an ACAT ID Joint Service Program reporting to PEO Space. The U.S. Air Force was designated the executive agent to manage the program. PM MILSATCOM (Army) supports the GBS Joint Program Office as members of the hardware, logistics and testing integrated product teams. GBS is an integrated communications system consisting of uplink injection sites, broadcast satellites, receive terminals and management processing. GBS responds to the need for high-speed, one-way broadcast of high volume multi-media information. Information such as imagery, weather data, maps, logistics, air-tasking orders, and video is transmitted from a primary injection point and theater injection point to users world wide with fixed and satellites. Lease of the commercial Ku band satellites will augment UFO GBS coverage gaps.

** The Army terminal portion of the GBS program is ACAT III.

GPS Receiver Application Module - Inertial Navigation System (GRAM-INS)	PDRR	III	DSA, CECOM (COL(P) Mazzucchi)	PM, GPS	PD	DSA, CECOM
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The GRAM-INS is the integration of GPS receiver and Selective Availability and Anti-Spoof Module (SAASM) function.

Grenade Launcher, Smoke: Screening, TA, XM90	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Smoke & Obscurants	PD	DAR, SBCCOM
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The XM90 grenade is a soft launched, non-fragmenting, pyrotechnic smoke dispenser. The XM90 is constructed to include three individual dual-ported, core burning smoke canisters. The canisters are ignited and ejected by a charge of black powder contained in the grenade expulsion base. When fired as a salvo of 4 grenades from the LVOSS (XM7) discharger, the smoke grenades produce an effective obscuring cloud a minimum of 35 meters wide at a height of at least 2 meters at a distance of 35 meters from the vehicle. The cloud forms within 6 seconds and lasts a minimum of 20 seconds. The XM90 grenade is compatible with presently fielded 66mm smoke grenade launchers. The XM90 grenade will counter threat weapon systems operating in the visual and near infrared portions of the electromagnetic spectrum enhancing the survivability of the vehicle.

Ground Based Common Sensor (GBCS) / PROPHET	EMD	III	PEO, IEW&S (MG Gust)	PM, GBCS/AQF	PD	PEO, IEW&S
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GBS consists of two parts:

Ground Based Common Sensor - Heavy

The Ground Based Common Sensor - Heavy is a vehicle mounted (Bradley variant) signals-intercept and precision emitter-location system that supports Armored and Mechanized Infantry Divisions.

Ground Based Common Sensor - Light

The Ground Based Common Sensor - Light is a vehicle mounted (HMMWV) signals-intercept and precision emitter location system that supports Light Divisions.

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u> <u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Ground Combat Training Systems (GCTS)	PDRR/EMD/PFDO	III	CG, STRICOM (BG Bond)	PM, GCTS	PD	CG, STRICOM

The GCTS program consists of high fidelity precision gunnery trainers, engagement skills trainers, small arms trainers, weapon appended training systems, part-task and maintenance trainers, as well as embedded training systems. These systems support Army’s Armor, Infantry, Artillery, Air Defense and Engineer training requirements as well as training requirements for major weapon system platforms.

Ground Fuel Test Kit	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
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The Ground Fuel Test Kit is a self-contained, portable kit for testing ground equipment fuels for contaminants and water. It measures API gravity, viscosity, trace water and sediment in the fuels being tested.

Ground Standoff Mine Detection System (GSTAMIDS)	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
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Vehicle based mine detection system employing sensors on a remote teleoperated mine protected vehicle. Detects all types of anti-tank mines, supports rapid clearance of routes, and minimizes inherent risks to mine detection personnel.

Ground Targets	PDRR/EMD/PFDO	III	CG, STRICOM (BG Bond)	PM, ITTS	PJ	CG, STRICOM
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The Ground Targets program consists of surrogate and actual foreign vehicle targets as well as virtual target computer models of ground vehicle targets. These targets are required to support the Army’s Test & Evaluation (T&E) of advanced weapon systems as well as support training worldwide during live fire exercises at home station, combat training centers and OCONUS theaters of operation.

Guided MLRS Rocket (GMLRS) - XM30	EMD	III	PEO, Tac Msl (BG Holly)	PM, Precision Guided Munitions	PD	PEO, TAC MSL
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Guided MLRS (GMLRS) is a major upgrade to the M26 series MLRS rocket with the objective of integrating a Guidance and Control (GMC) package and a new rocket motor to achieve greater range and precision accuracy. The improvement in accuracy will reduce the number of rockets required to defeat targets to maximum range (approximately 60 km), reduce the number of launchers required per fire mission, and directly contribute to reducing the logistics burden. Guidance will be performed by a low-cost, tactical-grade Inertial Measurement Unit (IMU) designed to be aided by an optional GPS receiver. Control will be accomplished by four canards driven by electromechanical actuators. Required accuracy will be met with the IMU in an independent mode. GPS is not mission-essential, but provides a further increase in accuracy when used in conjunction with the IMU. The precision provided through the addition of the guidance and control package reduces the payload to 400+ grenades.

Handheld Stand-off Minefield Detection System (HSTAMIDS)	PDRR	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
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The HSTAMIDS system integrates a suite of sensors in a man portable system to locate non metallic and metallic AP and AT mines.

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Heavy Dry Support Bridge (HDSB)	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, HTV	PJ	DSA, TACOM

The HDSB is a 40-meter bridge that supports Military Load Capacity (MLC) 96-wheeled and MLC 70-tracked vehicle traffic along Lines of Communication (LOCs) and Main Supply Routes (MSRs). The bridge is packaged on M1077 Palletized Load System (PLS) Flatracks and is transported by the Common Bridge Transporter. The HDSB launcher is mounted on a PLS Chassis and can launch a 40-meter bridge in ninety minutes.

Heavy Equipment Transport System (HETS)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, HTV	PJ	DSA, TACOM
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This system consists of the M1000 Heavy Equipment Transporter (HET) Semitrailer and the M1070 Truck Tractor. Together, they form a system whose primary mission is to transport main battle tanks and heavy equipment. This system also has the capability to self load and unload disabled tanks.

Heavy Expanded Mobility Tactical Truck (HEMTT)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, HTV	PJ	DSA, TACOM
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The HEMTT is a diesel-powered, 8-wheel drive, tactical vehicle available in five body styles (two cargoes, wrecker, tanker and tractor). The HEMTT transports ammunition, petroleum, oils and lubricants. It is also used for recovery of other wheeled support vehicles and combat systems. Early model HEMTTs are currently being overhauled by the original manufacturer to the current production configuration. Two test bed vehicles are currently being produced in preparation for a future Extended Service Program (ESP). These vehicles will be product improved variants of the tanker and wrecker with enhancements in the areas of readiness, maintainability and safety beyond the current production configuration.

High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) Family of Vehicles	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, LTV	PJ	DSA, TACOM
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The HMMWV is a lightweight, high performance, four-wheel drive, air transportable and air dropable, high mobility tactical family of wheeled vehicles. The vehicle has a diesel engine, automatic transmission and payloads of 2500 lbs. (HMMWV Group I), 3,660 lbs. (HMMWV Group II), 4,400 lbs. (Heavy HMMWV (M1097), and 5,100 lbs. (Expanded Capacity Vehicle (M1113)). The Block I, or A1 models of the HMMWV began fielding in March 1994. The A1 models have improved seating, upgraded electronics and M1097 components across the family. The A2 models will have an updated EPA compliant engine and a 4-speed automatic transmission. The Scout HMMWV is a specially modified armament carrier to accommodate the Scout mission role. The Up-Armored HMMWV (M1114) ballistic protection against anti-tank and anti-personnel mines (up to 12 pounds of TNT) and 360 degree protection against 7.62 armor piercing munitions. The Expanded Capacity Vehicle (ECV) (M1113) will be used for other programs where the M1097 has insufficient capacity. The A4 model is expected to be available starting in FY02/03 to enable the HMMWV to meet the light vehicle requirements for Vision XXI.

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High Mobility Trailer (HMT)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, LTV	PJ	DSA, TACOM

The High Mobility Trailer (HMT) is a family of high mobility companion trailers for the High Mobility Multipurpose Wheeled Vehicle (HMMWV). The HMT is compatible with both the light (Group I/II) and heavy (Group III) HMMWV variants. These HMMWV variants require a HMT family of trailers (light, heavy and heavy chassis) make full use of the HMMWV's towing capabilities.

High Value Item Security System (HVISS)	EMD	III	DSA, CECOM (COL(P) Mazzucchi)	PM, PSE	PD	DSA, CECOM
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HVISS is a two phased program which will provide (in Phase 1) secure storage for valuable, highly pilferable, and sensitive items; and (in Phase 2) an automated RF Tag Reader which will provide a means for "on-hand" equipment accountability by "reading" an embedded RF Tag. This system has application in both garrison and field conditions.

Hydraulic Excavator	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MME	PD	DSA, TACOM
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The Hydraulic Excavator (HYEX) is a commercial off the shelf item of construction equipment. The HYEX is a track mounted, hydraulic controlled, excavating system with a quick disconnect coupler system which allows it to use a variety of different construction attachments. Three types will be procured, Type I - equipped for use in general digging, trenching, loading, and lifting operations; Type II - equipped with a rock drill and a bucket for use in quarry operations. Type III will be a heavy excavator with attachments for use in heavy duty quarry operations.

Improved Chemical Agent Monitor (ICAM)	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, NBC Defense	PJ	DAR, SBCCOM
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The ICAM is a hand held, soldier operated, post attack device for monitoring chemical agent contamination on personnel and equipment. It detects vapors of chemical agents by sensing molecular ions of specific mobility (time of flight) and uses timing and microprocessor techniques to reject interference's. The monitor detects and discriminates between vapors of nerve and mustard agents. The ICAM consists of a drift tube, signal processor, molecular sieve, membrane, and expendables such as batteries, confidence tester and dust filters. The monitor is 4" x 7" x 15", and weighs approximately 5 pounds.

Improved Data Modem (IDM)	PFDOS	III	PEO, AVN (MG Snider)	PM, AEC	PJ	PEO, AVN
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The IDM is a digital data link modem that exchanges targeting data between the various weapon systems in support of the following missions: suppression of enemy air defenses; close air support; forward air control; air combat and command. It is a Joint Service Program that will enhance digitization of the battlefield fusion of information, system integration and access to real-time fused intelligence.

Improved Mortar Ballistic Computer XM30	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Mortars	PD	DSA, TACOM
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Improved Mortar Ballistic Computer, XM30 replaces M23 MBC, computes firing data for all mortar systems and enhances "shoot and scoot" capability.

<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Improved Ribbon Bridge (IRB)	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, HTV	PJ	DSA, TACOM

The IRB provides the combat engineers with a much more capable Improved Common Bridge Transporter (ICBT) and ribbon bridge bays (interior and ramp) with 70 ton capability. The new ICBT will transport the Heavy Dry Support Bridge (HDSB) as well as other bridging assets.

Improved Target Acquisition System (ITAS)	EMD	III	PEO, Tac Msl (BG Holly)	PM, ITAS	PD	PEO, TAC MSL
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ITAS is a technology insertion program utilizing 2nd GEN FLIR technology to upgrade the current HMMWV/ground mounted TOW Target Acquisition and Fire Control subsystems. The ITAS will provide improved target detection and acquisition range, improved probability of hit and enhanced fire control capabilities. These will upgrade the anti-armor capabilities of light forces using the TOW system, allowing the Army to own the night and providing a bridge for compatibility with the next generation missile. The ITAS design provides growth potential for digitized applications and a bridge to the Follow-On To TOW (FOTT) missile. On 28 Sep 98, First Unit Equipment was executed to the 82d Airborne Division. Milestone III decision is programmed for May 1999.

Initial Fire Support Automated System (IFSAS)	PFDOS	III	PEO, C3S (BG Boutelle)	PM, FATDS	PD	PEO, C3S
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The Initial Fire Support Automated System (IFSAS) under the auspices of Product Manager Fire Support is designed to provide limited automation of Fire Support Command and Control at battalion nodes and above. The system gives commanders the ability to perform automated fire support planning and execution prior to the arrival of the AFATDS. The system utilizes ATCCS CHS LCU and has been fielded to both active and NG/Reserve units to provide early automation capabilities.

Inland Petroleum Distribution System (IPDS)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
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IPDS is a rapid deployment, general support, bulk fuel storage and pipeline system. It is made up of fuel units, pipeline connection assemblies, pipeline pump stations, pipeline sets and special purpose equipment. The system also includes facilities, software, training, and planning documentation. The system is modular in design and can be tailored for specific locations and operations. The IPDS provides bulk fuels support to military forces when deployed worldwide. As Operational Projects Stocks, IPDS supports Unified Command contingency plans during execution.

Integrated Booking System (IBS)	PFDOS	III	CG, MTMC (MG Privratski)	PM, IBS	PD	CG, MTMC
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Provides a single, worldwide, automated booking system designed to support peace and war time movement of unit and sustainment cargo moving via common user ocean carriage. Schedules unit requirements received from TC ACCIS and COMPASS against MSC controlled ships. Automatically books containerized sustainment cargo against commercial carrier ships.

ACAT III by Pgm (Non-AIS)						
Program	Current	ACAT	MDA (Name	PM	PM Level	Organization Reports To
Integrated Commercial Intrusion Detection System (ICIDS)	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, PSE	PD	DSA, CECOM
A Non-developmental program comprised of commercial off-the-shelf components which provides security for high value or sensitive assets.						
Integrated Computerized Deployment System (ICODES)	PFDOS	III	CG, MTMC (MG Privratski)	PM, ICODES	PD	CG, MTMC
A single, cross-service ship stow planning system designed to provide DOD ship load planners with intelligent decision-support during tactical, administrative, preposition, and humanitarian assistance operations.						
Integrated Family of Test Equipment (IFTE)	EMD/PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, TMDE	PJ	DSA, AMCOM
The Integrated Family of Test Equipment (IFTE) program provides automatic test equipment which is configurable to support multiple weapon systems. It consists of the Base Shop Test Facility, the Contact Test Set (CTS) and follow-on CTS(Soldier Portable On-System Repair Tool), and the Electro-Optics Test Facility. The IFTE systems are used at unit and direct support/general support levels, both on and off system, to fault isolate, test, and repair line replaceable units and printed circuit boards. Based on recommendations of a Joint Service Automatic Test Systems Investment Strategy Group, IFTE was designated as a Department of Defense standard family of testers in Apr 94.						
Integrated Meteorological System (IMETS)	EMD/PFDOS	III	PEO, C3S (BG Boutelle)	PM, Intel Fusion	PD	PEO, C3S
The IMETS is the weather component of the Intelligence Electronic Warfare (IEW) sub-element of the Army Battle Command System (ABCS). IMETS provides commanders at all echelons with an automated weather system to receive, process, and disseminate weather observations, forecasts, and weather and environmental effects decision aids to all Battlefield Operating Systems (BOS). It consists of three basic configurations to enable the full range of military operations to be supported from large Major Regional Conflicts (MRC) to small task forces supporting peacekeeping missions: a) Command Post (CP) configuration for fixed facilities at Echelons-Above-Corps (EAC) level where the IMETS is permanently integrated into the Local Area Network (LAN); b) vehicle mounted configuration for tactical operations where the supported echelon move frequently; and c) light configuration for task organized elements of a supported echelon, integrated into a small task force, where lightweight, easily deployed core weather functions can be performed. It is a mobile, tactical automated weather system mounted on a High Mobility Multipurpose Wheeled Vehicle (HMMWV). It provides automation and communication support to Air Force Combat Weather Teams assigned to the Army at Echelons-Above Corps (EAC) down to Aviation Battalions and to Army Special Operations Forces. IMETS receives weather information from polar-orbiting civilian and defense meteorological satellites, Air Force Global Weather Central, artillery meteorological and remote sensors and civilian forecast centers. IMETS processes and collates forecasts, observations, and climatological data to produce timely and accurate weather products tailored to the specific warfighter's needs. The most significant weather and environmental support to warfighters are the automated tactical decision aids. These graphics display the impact of the weather on current or planned operations for both friendly and enemy forces. The warfighter can thus more effectively employ his forces and weapons systems to achieve success in battle.						
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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Integrated System Control (ISYSCON)	PFDOS	III	PEO, C3S (BG Boutelle)	PM, WIN-T	PJ	PEO, C3S

The ISYSCON (under the auspices of Product Manager Communications Management Systems) provides a centralized capability for planning and managing all tactical communication networks on the battlefield and interfaces with each Battlefield Functional Area (BFA) in the Army Battle Command System (ABCS). The ISYSCON serves as the architectural foundation on which to build network management at Brigade and Below through Echelons-Above-Corps (EAC). The ISYSCON software will reside on a Standard Integrated Command Post System (SICPS) platform, which will house the Common Hardware System (CHS) II Hardware client/server architecture. The ISYSCON facility will perform communications/automation management process by automating essential functions including: Network Planning and Engineering; Battlefield Spectrum Management (BSM); Wide Area Network (WAN) Management; Communications Security (COMSEC) Management; and the Command and Control (C2) of Signal units. A change to the requirements document has added the Satellite requirement for ISYSCON to manage Local Area Network (LAN), WANs, and ABCS platforms at theater, corps, and division, down to Brigades and the maneuver battalion levels. A further change to the ISYSCON Required Operational Capability (ROC) specified the need for Tactical Internet and Tactical Operations Centers (TOC) LAN management. It specified a need to perform network planning, initialization and management of the Tactical Internet systems (Force XXI Battle Command Brigade and Below, Enhanced Position Location Reporting System, Combat Net Radio, Near Term Data Radio) and TOC LAN ABCS systems. The ISYSCON will provide the Signal Command and staff with a centralized planning and control capability to manage C2 tactical communication networks in support of combat forces, weapon systems, and battlefield automated systems. It will function as the battlefield communications infrastructure management system at division through theater/echelons and in support of independent task force operation. The ISYSCON program serves as the baseline foundation to support the future network management initiatives tied the digitized Army and Warfighter Information Network-Terrestrial (WIN-T) architecture. ISYSCON is key to successful communications management for the First Digitized Division/First Digitized Corps and is a critical part of the Army Vision 2010 for Information Dominance.

Intelligent Combat Outpost (Raptor)	PDRR	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
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Autonomous Command and Control System that uses advanced acoustic sensors to provide real time targeting data and increased situational awareness. Will enhance effectiveness of Wide Area Munition and other munitions/demolition devices through coordinated attack and elimination of the need for overwatch forces.

Interim Vehicle Mounted Mine Detector (IVMMD)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
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IVMMD is a vehicle mounted mine detection system on a survivable vehicle platform.

IR Illumination Hand Grenade	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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The IR illuminating Hand Grenade will reduce visible signature for signalling and it will illuminate buildup position for NVDS. Supports the Soldier Enhancement Program.

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Items Less Than \$2M	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM

Five different pumps ranging from 65 GPM to 650 GPM, fabric tanks ranging in capacity from 3,000 to 50,000 gallons, and various water storage configurations ranging from 20K to 800K gallon capacity. Designed to store and distribute fresh drinking water to all US or Allied forces operating in support of military or humanitarian operations.

Jam Resistant Secure Comm (JRSC)	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, DCATS	PJ	DSA, CECOM
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The JRSC provides communications connectivity that will survive jamming and high altitude nuclear events which cause High-Altitude Electromagnetic Pulse (HEMP) and alter perturbed atmospheric conditions. The Universal Modem System (UMS) is the only funded program. The other identified anti-jam systems have been acquired. The UMS will enable strategic & tactical forces under the Command of the US, UK and NATO to have interoperable voice and digital data satellite communications capability under jamming and nuclear scintillation, while using non-processing transponders of the DSCS III, NATO or SKYNET 4 satellite systems..

Joint Biological Point Detection System (JBPDS)	EMD	III	JPM, BD (BG Cain)	PM, JBPDS	PD	JPO, BD
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The JBPDS will develop and field a biological detection system that meets the needs of the Army, Navy, Air Force, and Marine Corps. The JBPDS is a Block development program. Block I focuses development on fully automating the bio suite. Block I will be capable of simultaneously and automatically presumptively identifying ten BW agents in less than 15 minutes. Block II will focus on decreasing size, weight and power consumption. The JBPDS will be integrated into each Service’s platform (e.g., HMMV, ship) air base, or port to provide a common detection capability for joint interoperability and supportability. Production of the first 104 systems will begin in FY 00. Funding is available for 830 systems.

Joint Collection Management Tools (JCMT)	EMD/PFDOS	III	PEO, C3S (BG Boutelle)	PM, Intel Fusion	PD	PEO, C3S
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The JCMT provides all-source collection management; permit combat leaders to effectively use collection to answer mission critical intelligence needs. It is the Department of Defense Intelligence Information System (DoDIIS) migration system for all-source collection management. It will be used by national, theater, and tactical organizations of all services. JCMT provides tools for gathering, organizing, and tracking intelligence collection requirements for all intelligence disciplines. The JCMT system also provides collection managers with automated support to determine which intelligence products are already available that might satisfy intelligence collection requirements. If products are not available, JCMT’s various databases and platform/sensor models can be queried for data about asset capabilities and availabilities. This allows a collection manager to determine if requirements can be satisfied by existing collection missions or whether new collection is required. The collection manager uses JCMT to develop collection plans, generate tasking and request messages. A key feature of JCMT, which will be enhanced in the future, is its ability to ascertain the status of requirements that have been forwarded to other organizations for action.

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ACAT III by Pgm (Non-AIS)						
Program	Current	ACAT	MDA (Name	PM	PM Level	Organization Reports To
Joint Service Combat Shotgun	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
JSCS is a 12 Ga semi-automatic shotgun with an effective range of 40 meters. It is compatible with standard ammunition and will manually cycle current Non-lethal munitions. This program will adopt this shotgun for use wqithin the Army. Supports the Soldier Enhancement Program.						
Joint Service General Purpose Mask	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, NBC Defense	PJ	DAR, SBCCOM
The JSGPM is the replacement for the M40, M42, MCU-2/P. The JSGPM will significantly reduce mission degradation while being compatible with future equipment and soldier systems. The JSGPM will reduce weight and bulk and breathing resistance by as much as 50%. The JSGPM will also improve vision coupling, communication effectiveness, and comfort/wearability. The mask will significantly reduce total ownership cost/life cycle cost. The JSGPM will be virtually maintenance-free and may be of a low enough unit cost to be classified as disposable/replaceable after decontamination to a point.						
Joint Service Lightweight Standoff Chemical Agent Detector (JSLSCAD)	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, NBC Defense	PJ	DAR, SBCCOM
The Joint Service Lightweight Standoff Chemical Agent Detector (JSLSCAD) is a small, fully automatic agent vapor and aerosol detector. The unit is capable of on-the-move real-time operation from either aerial or surface platforms. The unit will detect agent cloud up to 5 kilometers and provide alarm for reconnaissance and non-reconnaissance (contamination avoidance) missions. The detector also provides chemical contamination information and data on means to avoid contamination. The JSLSCAD is equipped for visual and audible alarm, and can display the agent class and concentration levels. This information is available locally and or for transmission to battlefield information network. JSLSCAD also has the capability to indicate an all-clear condition.						
Joint Tactical Ground Station (JTAGS)	PFDOS	III	PEO, AMD (COL(P) Urias)	PM, JTAGS	PJ	PEO, AMD
The Joint Tactical Ground Station (JTAGS) is a transportable information processing system which receives and processes in-theater, direct down-linked data from Defense Support Program (DSP) satellites and the follow-on Space-Based Infrared System (SBIRS). JTAGS disseminates warning, alerting and cueing information on Tactical Ballistic Missiles (TBMs) and other tactical events of interest throughout the theater using existing communication networks. JTAGS supports all Theater Missile Defense (TMD) pillars (attack operations, active defense, passive defense, and battle management/command, control, communications, computers, and intelligence (BM/C4I) and, by being located in-theater, provides the shortest sensor to shooter connectivity. P3I efforts are underway to integrate the Joint Tactical Information Distribution System (JTIDS), fuse sensor data with DSP, and upgrade JTAGS to operate with the next generation of SIBRS.						
* Sorted By Program Title						
** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager						
PD = O-5/GS-14 Product Manager Title if None of the Above						
First Previous Next Last						

<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Joint Tactical Information Distribution System (JTIDS)	PFDOS	III	PEO, C3S (BG Boutelle)	PM, TRCS	PD	PEO, C3S

The Link-16 JTIDS program is contained within the overall Army Data Distribution System (ADDS) program. The ADDS will create the Army communications data backbone from platoon to brigade for Force XXI. The JTIDS program is a joint program representing all services and allied force requirements. Its purpose is to acquire a digital information system for tactical interoperability and awareness that complies with the Assistant Secretary of Defense/Command, Control, Communications and Intelligence policy establishing Link-16 as the Department of Defense's primary tactical data link for Command, Control and Intelligence. The primary use of the Army's Class 2M terminal is to provide an interoperable joint and allied Link-16 tactical digital data link with air, ground, surface and subsurface platforms. The Link-16 program supports the Army's Theater Air and Missile Defense Engagement Operations. The Army intends to migrate to the Multifunctional Information Distribution System through investment in an Army variant of the multi-national terminal.

Joint Tactical Terminal (JTT)/Common Integrated Broadcast Service-Modules (CIBS-M)	EMD	III	PEO, IEW&S (MG Gust)	PM, JTT/CIB	PD	PEO, IEW&S
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The Joint Tactical Terminal is part of the Integrated Broadcast Service link to battle managers, intelligence centers, air defense, fire support and aviation nodes across all services. It is a family of special application UHF line of sight/sattelite communications secure intelligence dissimination reporting systems for deployment with tactical untis. The JTT allows users to exploit intelligence broadcast networks which include TRIXS, TIBS, TRAP, TADIXS-B. The equipment can be mounted in fixed and rotary wing aircraft as well as fixed or mobile ground platforms.

Kitchen Company Level Field Feeding (KCLFF) - Enhanced	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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The KCLFF Enhanced is used for field feeding of Company sized units and is designed to heat, deliver, and serve one heat and serve ration meal per day for up to 200 soldiers. KCLFF consists of various kitchen and food service hardware and is designed to be hauled by light wheeled vehicles.

Launched Grapnel Hook (LGH)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
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This is a Soldier Enhancement Program funded man-portable, bullet trap launched grapnel tethered to a launch point. It replaces the hand thrown grapnel in trip wire clearance operations.

Laundry Advanced System	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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The Laundry Advanced System is a laundry-processing and water recycling system which processes 400 pounds of laundry per hour and recycles about 97% of the water used in the laundry process.

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Light Observation Helicopter	PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, Scout/Attack Helicopter	PD	DSA, AMCOM

The OH-58A and OH-58C helicopters are low silhouette, single rotor helicopters powered by a single gas turbine, T63-A-700/720, engine. The helicopter is used for observation, scout, and command and control. This is a single pilot aircraft with the capability to carry three passengers or cargo. The OH-58C is an upgraded OH-58A with more powerful engine and transmission and an upgraded navigation and instrumentation capability.

Light Vehicle Obscuration Smoke System (LVOSS)	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, Smoke & Obscurants	PD	DAR, SBCCOM
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The Light Vehicle Obscuration Smoke system (LVOSS) is a self-defense smoke/obscurant device externally mounted on light vehicles. It counters threat weapon systems operating in the visual and near-infrared portions of the electromagnetic spectrum. The LVOSS consists of the M7 Discharger, required mounting equipment, and a family of grenades. LVOSS installation kits contain an arming and firing unit (A/FU), wiring harness and brackets to mount the M7 Dischargers. The M304 installation kit is for the M966 Infantry TOW equipped HMMWV. The M305 and M310 installation kits mount the A/FU, four M7 Dischargers and the wiring harness to the Military Police M1025 and M1114 HMMWV, respectively. The LVOSS is especially designed to launch non-fragmenting grenades which are of low toxicity and environmentally safe. It can also be used to launch standard grenades. This program supports all current mission requirements for Army MP forces. No other procurement is currently planned. All LVOSS components are integrated as a complete system, operated from within the host vehicle using the A/FU. Host vehicles retain their combat load and operational capability in mobility, firepower and communications when configured with LVOSS.

Lightweight Arctic Forward Area Refueling Equipment (LAFARE)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
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The LAFARE is a two point tactical refueling system specifically designed for operation in extreme cold environments (-60 degrees F). It consists of a gas turbine engine driven pump unit, two filter separators, two insulated batteries, and three 500 gallon arctic fuel drums. In operation, the system will simultaneously refuel two pieces of equipment at a minimum flow rate of 50 GPM and a maximum of 90 GPM flow rate at any one nozzle. Emphasis is placed on limiting the component/module weight to the two soldier portable weight limit. This is a P3I aimed at reducing the weight of the Arctic Forward Area Refueling Equipment (AFARE).

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PD = O-5/GS-14 Product Manager Title if None of the Above

<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Lightweight Forward Entry Device (LFED) / Forward Entry Device (FED)	PFDOS	III	PEO, C3S (BG Boutelle)	PM, FATDS	PD	PEO, C3S

The LFED/FED (under the auspices of Product Manager Fire Support) is a programmable input/output device used for composing, editing, transmitting, receiving and displaying alphanumeric and graphic messages for transmission over standard military radios. Forward Observer System (FOS) software enables users to plan, control and execute fire support operations at maneuver platoon, company battalion and brigade levels. The LFED/FED is an integral part of the digitized system architecture. It provides the vital sensor-to-shooter link required for effective fires. The LFED/FED also provides critical situational awareness for forward deployed field artillery units. It provides the initial digital entry device required for FO and Combat Observation Lasing Teams (COLT). The LFED/FED program provides the hardware platform to support Department of Defense Mandated Interoperability/Army digitization requirements (to include implementation of MIL-STD-188-220A protocol and Variable Message Format) to support the new functional user requirements under the next software release and C4I technical architecture requirements. It is used in the Heavy Divisions by the FO, Field Artillery (FA) Battery Commanders and Fire Support Team (FIST) personnel.

Lightweight Fragmentation Grenade	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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Provides a light weight (approx. 1/3 reduction of current weight) fragmentation hand grenade to the soldier. A Soldier Enhancement Program supporting the Land Warrior Program.

Lightweight Laser Designator/Rangefinder (LLDR) AN/PED-1	EMD	III	PEO, IEW&S (MG Gust)	PM, NV/RSTA	PJ	PEO, IEW&S
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LLDR has a day camera, Forward Looking Infrared (FLIR) thermal sensor, laser rangefinder, digital compass/vertical angle measurement device, global positioning system with video/digital outputs and a laser target designator for day/night acquisition, precise location and designation for engagement by a variety of munitions.

Lightweight Maintenance Enclosure	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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The Lightweight Maintenance Enclosure is a highly mobile, quickly deployable shelter which allows maintenance to be performed across the battlefield under all environmental conditions. It accommodates tracked and wheeled vehicles, engineer, signal, armament and ground support equipment.

Lightweight Video Reconnaissance System (LVRS) AN/PVH 1&2	PFDOS	III	PEO, IEW&S (MG Gust)	PM, NV/RSTA	PJ	PEO, IEW&S
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LVRS outstations capture still images in day or night and transmit those images through a military radio to a LVRS basestation.

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PD = O-5/GS-14 Product Manager Title if None of the Above

<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Lightweight Water Purifier (LWP)	EMD	III	DSA, TACOM (COL(P Harrington)	PM, PAWS	PD	DSA, TACOM
LWP provides fresh drinking water to companies operating near the combat zone in harsh and arid environments. It is designed to produce up to 125 GPH of fresh drinking water.						
Live Fire Training System (LTS)	PDRR/EMD/PFDO	III	CG, STRICOM (BG Bond)	PM, LTS	PD	CG, STRICOM
The LTS program consists of systems required to support live force-on-force training, providing instrumentation/feed-back systems, battlefield effects, tactical engagement systems and opposing forces representations.						
Long Range Advance Scout Surveillance System (LRAS3)	PDRR	III	PEO, IEW&S (MG Gust)	PM, FLIR	PD	PEO, IEW&S
LRAS3 provides scouts with a long range day/night target acquisition and observation capability. It uses a Second Generation FLIR, laser range finder and global positioning system.						
Long Range Sniper Rifle	EMD	III	DSA, TACOM (COL(P Harrington)	PM, Small Arms	PD	DSA, TACOM
Type classifies and fields a long range sniper rifle with counter sniper and anti-materiel effectiveness. Supports the Soldier Enhancement Program.						
Long Range Tactical Sniper	EMD	III	DSA, TACOM (COL(P Harrington)	PM, Small Arms	PD	DSA, TACOM
Provides Caliber .50 match-grade cartridges for the long range sniper weapon with an effective range out to 1500 meters. Supports the Soldier Enhancement Program.						
M1022A1 Dolly Set, Transportable Shelter, 7 1/2 Ton	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, TAWS	PJ	DSA, TACOM
The M1022A1 provides rapid mobility for International Standard Organization (ISO) containers and military shelters. A dolly set is comprised of two separate and independent halves, a front half and a rear half. Each half can easily and quickly be attached to the ends of a shelter or container which is positioned on the ground, making up a trailer (a Container Loading Trailer, or CLT). Using dolly set power, the trailer can be raised to traveling height, attached to a tow vehicle, and moved to a new destination.						

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
M105A3 Cargo Trailer, 1 1/2 ton, 2 wheeled	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM

The M105A3 is a two-wheeled, 1 1/2 ton cart-type trailer which is used to transport general cargo over highways as well as cross-country terrain. It is capable of fording hard-bottomed water crossings. The trailer is Roll-on/Roll-off capable and is fitted with radial tires. This trailer is an integral part of the following systems: AH-64, CH-47D, Woodworking Shop, MSE, MLRS, HAWK, Patriot, M20 NBC Decontamination system and the DS2 Pump/Scrub Decontamination system. It is also used throughout the Army to haul general cargo.

M1061A1 5-Ton, 4-Wheel, Flatbed Trailer	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
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The M1061A1 mounts fuel pods (Tank Unit, Liquid Dispensing (TULD)), laundry units, and 100 kW generators. It is towed by the 5-ton M809 series of tractors.

M1062 Semitrailer	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
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The M1062 Semitrailer was developed to haul 7,500 gallons of petroleum products in the Communication Zone (COMMZ) and corps rear areas. The commercial M1062 semitrailer is designed to transport/dispense bulkhaul gasoline, diesel and aviation fuels. It has a bottom and top-loading capability and uses a standard 4-inch camlock coupling and NATO D-1 coupling. The tank contains a jet level sensor system which senses the fuel level in the tank. When filling the tank from the bottom, it automatically shuts off when the tank is full. Fuel discharge is accomplished using gravity or an off-line pump with the emergency shutoff. The system also has a vapor recovery system. It is towed by the M915 series tractors.

M113 Carrier Mod-Vehicle A3 Upgrades	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, M113/M60	PD	DSA, TACOM
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The M113 Family of Vehicles provides essential transport for troops, antitank weapons, air defense systems, electronic warfare shelters, mortars, command centers, and cargo. The current fleet will be required for at least 20-30 more years and must be continuously modified to enhance performance, reliability, survivability, and supportability. The M113 FOV consists of the following vehicles: M113, M577, M548, M901, M981, M1059, M1064, M1068, M58 and opposing forces surrogate vehicle.

M129A4 Tactical Transport Semitrailer Van	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
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The M129A4 is a 12 ton, 35 foot, four wheel, multipurpose van used by various types of support units engaging in the storage, transportation, and issue of military supplies. The van will house sophisticated electrical equipment (radio and computerized) for command post communications, and spare parts and maintenance tool shop for field repairs. It is towed by 5-ton, 6x6 truck tractor or similar vehicle equipped with a fifth wheel.

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ACAT III by Pgm (Non-AIS)						
Program	Current	ACAT	MDA (Name)	PM	PM Level	Organization Reports To
M16 A4 Rifle	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
Th M16A4 rifle is an improved version of the M16A2 rifle. The improvement consists of a flat top upper receiver accessory rail, and a detachable handle/rear aperture sight assrembly that allows for easy attachment of accessories such as Night Vision Devices.						
M203/M4 Compatibility	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
Provides a method of mounting the M203 Grenade Launcher on the M4 Carbine. This program is in support of the Soldier Enhancement Program.						
M240B Armor Machine Gun, 7.62mm	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
The M240B is being procured to provide dismounted infantrymen with a more reliable, accurate and lethal machine gun to suppress and destroy enemy personnel, lightly armored vehicles and fortified positions. It is a gas-operated, air-cooled, link-belt fed weapon which allows for rapid barrel changes and incorporation of a flash suppresser. The M240B will replace the M60 Machine Gun in light infantry, mechanized infantry and combat engineering units.						
M2HB Quick Change Barrel	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
Provides an NDI commercially available kit to convert M2HB Machine Gun to a fixed headspace, quick change barrel configuration.						
M30 Improved Mortar Ballistic Computer	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Mortars	PD	DSA, TACOM
The M30 is a militarized laptop computer which computes ballistic trajectories and gives mortar gunners data for elevation and change to bring effective fire.						
M43A1(P31) Mask - Lightweight Motor Blower (LWMB)	PFDOS	III	PEO, AVN (MG Snider)	PM, ACIS	PJ	PEO, AVN
This is a small, aircrew mounted motor blower that provides at least two (2) cubic feet per minute of airflow to the M43 series aircrew member's Chemical/Biological protective mask. This Program is making maximum use of off-the-shelf materiel and will meet electromagnetic interference and emergency egress requirements as well as all supportability, reliability, maintainability, and durability requirements of U.S. Army aircraft. Production deliveries are complete. This item will be fielded as part of the Chemical/Biological Mask which it works with.						

<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
M6 Discharger	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, Smoke & Obscurants	PD	DAR, SBCCOM

The M6 Discharger will provide the “Wolverine” Heavy Assault Bridge or other host vehicle with concealment from threat surveillance, target acquisition, and weapons guidance systems by projecting the 66mm family of smoke grenades. Each M6 Discharger consists of a four-grenade launch tube module that is designed for use on any vehicle platform. Each tube of the M6 Discharger can be separately fired on command. The system provides up to 360 degrees of coverage, overhead screening protection, and can interface with the Vehicle Integrated Defense System (VIDS) control. This current program fielding of the “Wolverine” Heavy Assault Bridge.

M6(M998) and M197(M1025) HMMWV Machine Gun Mounts	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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Provides the capability to mount M249 and M60 machine guns on the M998 and M1025 HMMWV for improved self-protection. The mounting system includes the pedestal, pintle, and travel locks. Supports the Soldier Enhancement Program.

M860A1 Semitrailer	PFDOS	III	DSA, TACOM (COL(P) Harrington)	Trlr Mgmt Ofc	PD	DSA, TACOM
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The M860 series semitrailer is used with the PATRIOT missile system. The M860A1 is a flatbed gooseneck semitrailer equipped with a fail-safe air brake system and manually adjusted landing legs. The prime mover is a HEMTT 10-ton truck tractor. The M860A1 is also equipped with a stabilization system consisting of our legs that are used to emplace the semitrailer during missile launching operations.

M870A2 Semitrailer	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
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The M870A2 Semitrailer lowbed will be a 40 ton system capable of handling payload up to 80,000 lb.. on highway, gravel roads, dirt roads, level cross country, and hilly cross country. The M870A2 will incorporate a fixed gooseneck, rear loading capability and automatic slack adjusters. The M870A2 will be a multi-axle suspension system equipped with radial tires. The M870A2 will connect to its prime mover's fifth wheel via a reversible king pin (2 and 3.5 inches capable). The landing legs will be adjustable to accommodate varying degrees of fifth wheel heights. The semitrailer will utilize a 12/24 volt electrical system including two composite lights, which serve as blackout and service tail and stop lights.

M871A3 Semitrailer FB BB/Cont Trailer	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
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The M871A2 is a 22 1/2 ton semitrailer, dual purpose, bulk container transporter. The semitrailer will be used within the military logistical support system within CONUS and OCONUS theaters to transport 20' International Standard Organization (ISO) Containers on line haul tactical missions and as the primary means of distributing containers and bulk cargo. It will be employed with military standard 5 ton tractors for use over primary, secondary, and unimproved secondary roads.

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
M878 Yard Tractor	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM

The yard type truck is primarily used to provide a capability to shuttle semitrailers loaded with containers or breakbulk cargo within fixed ports, on prepared beaches during Logistics-Over-The-Shore (LOTS) operations, and in trailer transfer areas. The vehicle is a highly maneuverable commercial tractor with an automatic locking, hydraulic-lift fifth wheel which facilitates semitrailer coupling and disengagement and allows movement of the semitrailer/chassis without retracting the landing legs. It is capable of moving trailers weighing from 21,000 to 60,000 lb..

M9 Armored Combat Earth Mover Mod Program	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
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The M9 is a highly mobile, fully tracked, armored earthmover capable of supporting forces in both offensive and defensive operations. It performs critical combat engineer tasks such as digging hull defilade fighting positions, breaching berms, and preparing anti-tank ditches. There are several planned modification programs for the M9 under the nomenclature Systems Improvement Plan (SIP). The SIP Phase 3 consists of ten hardware improvements designed to enhance the readiness of the ACE. Phase 4 is in planning for possible application in FY02 or beyond.

M903, M962, .50 Cal SLAP	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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A caliber .50 round designed to maximize the effectiveness of the M2 machine gun in the engagement and defeat of lightly armored targets. This program provides a companion tracer round. Supports the Soldier Enhancement Program.

M915A3 Truck	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
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The M915A3 tractor is a Non-Developmental Item vehicle which serves as the prime mover for either the M872 34 ton flatbed semitrailer or the M106 7500 gallon tanker. These tractor semitrailer combinations carry all types of bulk cargo, containers and fuel and operate primarily over roads in the communication zone and Corps areas of operation in all weather conditions. The M915A3 truck tractor is transportable by highway, rail, marine, and air modes worldwide.

M916A2 Truck	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
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The M9162A2 truck tractor is a Non-Developmental Item vehicle which serves as the prime mover for the M870/M870A1 40 ton lowbed semitrailer and the 6,000 gallon water tanker. The tractor is a 6x6, 68,000 Gross Vehicle Weight vehicle with a 3 1/2 inch fully oscillating fifth wheel and 45,000 lb. rear mounted winch. The tractor lowbed and water tanker semitrailer combinations transport all types of heavy engineer equipment and non-portable water in support of engineer construction operations over primary, secondary, and off-roads in all weather conditions. The M9162A truck tractor is transportable by highway, rail, marine, and air modes of transportation.

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** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
M917A1 Truck, Dump 20T	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM

The M917A1 dump truck is a Non-Developmental Item used to load, transport and dump payloads of sand and gravel aggregates, crushed rock, hot paving mixes, earth, clay, rubble, and large boulders at engineering and construction sites under worldwide climatic conditions in a military environment. It has a heavy duty steel, 18.5 ton, 12 cubic yard struck and 14 cubic yard heaped capacity dump truck, in cab controlled double controlled action hydraulic hoist system capable of a 50 degree tilt angle, 8 inch removable sideboards, easy wind tarpaulin system and air actuated tailgate lock. The M917A1 dump truck is transportable by highway, rail, marine, and air modes worldwide.

M939A2 5-Ton Truck Series Mod Program	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
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The M939A2 is a general purpose truck used to haul cargo, ammunition and personnel. The modification program is to prevent the fuel tank from venting into the vehicle air intake. It will vent into the atmosphere preventing the possibility of uncontrolled engine run-on and engine destruction.

M967A1 Bulkhauler	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
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The low profile, bulkhaul semitrailer has a stainless steel, single compartment tank of 5,000-gallon capacity, plus 3% for product expansion. It is designed to transport/dispense gasoline, diesel, and aviation fuels. The vehicle is air transportable when empty on the C130, C141, or C5A aircraft. It is towed by the 5-ton Truck Tractor.

M969A2 Semitrailer, Tank, 5000 Gallon Automotive Refueler	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
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The M969A2 is used primarily for transporting and dispensing automotive fuel. The trailer has a stainless steel, single compartment tank of 5000 gallon capacity, plus 3% capacity for product expansion. This system can deliver 100 gallons/minute and can be lifted, fully loaded, on and off ship. It is air transportable on C130, C141 or C5A aircraft. It is towed by the 5-ton truck tractor.

M993, 7.62mm Armor Piercing Cartridge	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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Provides a 7.62mm Armor Piercing Cartridge for the M60 and M240B Machine Guns and the M24 Sniper Rifle. Supports the Soldier Enhancement Program.

Machine Gun Optics	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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Telescopic sight for the M249, M60 and M240E1 machine guns. In support of Soldier Enhancement Program.

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** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project

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ACAT III by Pgm (Non-AIS)						
Program	Current	ACAT	MDA (Name)	PM	PM Level	Organization Reports To
Machine Gun, 5.56, M249, Squad Automatic Weapon	PFDOS	III	TACOM (ACALA) (Mr. Morgan)	TACOM (ACALA)	PG	DSA, TACOM
The M249 Squad Automatic Weapon provides a lightweight, one-man portable machine gun capable of delivering a large volume of effective fire to support infantry squad operations.						
Machine Gun, Grenade, 40mm: Mk19 Mod 3	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
Anti-Personnel/Anti-Light Armor Automatic Grenade Launcher. It uses linked ammunition and fires from the open bolt mode using a modified blow-back type mechanism. The weapon is designed to fire 40mm high velocity series grenade rounds and can be either ground or vehicle mounted.						
Major Instrumentation Program	PDRR/EMD	III	CG, STRICOM (BG Bond)	PM, ITTS	PJ	CG, STRICOM
This program is designed to develop and acquire major test technology and instrumentation to perform Test and Evaluation (T&E) of Army weapon systems. This program covers technologies and instrumentation for both technical and operational testing.						
Mask, CML-BIO: Aircrew, M45	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, NBC Defense	PJ	DAR, SBCCOM
The M45 Mask is being developed as the replacement for the M49 Mask. It will be usable by all Army helicopter crews except the AH-64 pilots. The mask consists of close-fitting eye lenses, front and side voice emitter for face-to-face and telephone communication, a microphone pass through for aircraft communication, a drink tube pass through for liquid nutrients, a low profile canister interoperability hose assembly to allow both hose and face mounted configurations, interchangeable nose cups, a rubber face piece with an in-turned peripheral seal and a second skin and hood. The mask will provide the required CB protection without the aid of forced ventilation air while maintaining compatibility with aircraft sighting systems and night vision devices. Injection molded composite materials will be used for the component parts to reduce weight and cost.						
Mask, CML-BIO: M40A1/M42A2	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, NBC Defense	PJ	DAR, SBCCOM
The M40A1/M42A2 masks provide respiratory, eye and face protection against chemical and biological agents. The masks consist of a silicone rubber face piece with an in-turned peripheral face seal and binocular rigid lens system. A face-mounted canister (gas and aerosol filter) can be worn on either the left or right cheek. For the M42A2 armored vehicle version, the canister is connected to the mask via a hose rather than being mask mounted. A microphone is included in the M42A2 armor crew mask. The masks come in small, medium and large sizes.						
Mechanized Anchoring System	CE	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
The Mechanized Anchoring System will provide a quickly deployable and retrievable family of mechanized shelter anchors with worldwide capability. Anchors will range in capacity from the lower end which will replace wooden stakes to the upper end that will provide soft shelter complexes a fixed point capable of restraining multiple high wind lines. Additionally, a reliable, rugged installation and retrieval system will be provided.						
* Sorted By Program Title						
** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project						
Manager						
PD = O-5/GS-14 Product Manager Title if None of the Above						
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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Military Tactical Generator (MTG), 2KW	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, MEP	PJ	DSA, CECOM

This program is in response to the need to urgently provide a small, lightweight sets to the user that is reliable and single fuel compliant(diesel/JP8). This program evolved from a successful OSD Foreign Comparative Test(FCT) based on a set originally developed for the Canadian Government. To date 650 sets have been fielded and a contract for up to 8500 sets was competitively awarded in 1996. Production started in Nov 98 and fielding started at Ft. Bragg in Apr 99.

Millimeter Wave (MMW) Obscuration	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Smoke & Obscurants	PD	DAR, SBCCOM
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The MMW program will develop an obscurant material which can be used in either an offensive or defensive mode against sensor systems such as radar and thermal homing sensors. Concepts to be investigated include an on-board cutting and dispensing system, as well as a pre-chopped material. The final system will be capable of being added onto both the M56 and M58 smoke generator Systems.

Miniaturized Airborne GPS Receiver (MAGR) AN/ASN-163	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, GPS	PD	DSA, CECOM
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The MAGR is a Line Replaceable Unit (LRU) component receiver which processes GPS signals from and antenna subsystem (FRPA-3) and provides position, velocity and time (PVT) information to a host system via MIL-STD-1553 data bus.

Mobile Automated Instrumentation Suites (MAIS)	EMD	III	CG, STRICOM (BG Bond)	PM, ITTS	PJ	CG, STRICOM
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MAIS is a mobile Real Time Casualty Assessment (RTCA) instrumentation system that supports operational testing of current and future weapon systems through software control of the player’s engagement parameters, real time mission control and data collection. The system consists of Player Units for instumenting weapons platforms and the Command, Control, Communication (C3) Center for pre-mission setup, control, and analysis. MAIS will interoperate with current electronic combat equipment and emerging weapon systems. It provides five categories of player instrumentation: fixed/rotary wing aircraft, tracked/wheeled vehicles (artillery, air defense and crew served weapons) and individual soldiers.

Mobile Detection Assessment Response System (MDARS)	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, PSE	PD	DSA, CECOM
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A mobile robotics sensor platform interfaced with an intrusion detection console. It conducts the physical security tasks of detection, assessment, delay, response, and communications in interior and exterior environments.

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ACAT III by Pgm (Non-AIS)						
<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Mobile Kitchen Trailer-Improved	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
The Mobile Kitchen Trailer-Improved addresses the operational and functional deficiencies of the Mobile Kitchen Trailer including operation during cold weather conditions, exhaust of cooking by-products, cooking capacity, and interior lighting.						
Mobile Water Treatment	PDRR	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
This project will develop a system to collect and treat wastewater generated in the field. Treatment of waste from hospitals, laundry and bath, and ROWPU operations is aimed towards control of disease and reduction of negative health effects of contaminated wastewater.						
Modern Burner Unit (MBU)	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
The MBU is a replacement for the unsafe Military Field Burner (M2). It will operate on JP-8 fuel, has immediate on/off capability and increased safety.						
Modern Mount	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
The Modern Mount provides quick and easy movement for traversing and elevation, reduces looseness between weapon and mount, and provides safe, bold and accurate fire on targets at all engagement ranges for Heavy Machine Guns.						
Modernized Demolition Initiatives (MDI)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
Modernized Demolition Initiatives (MDI) is an expendable non-electric initiation system that utilizes shock tube to transmit initiation signals to explosives and demolition devices.						
Modification, Reconnaissance System, NBC: M93A1 (FOX)	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, NBC Defense	PJ	DAR, SBCCOM
The M93A1 FOX NBCRS is a dedicated system of NBC detection, warning and sampling equipment integrated into a high speed, high mobility, wheeled armored carrier capable of performing NBC reconnaissance on primary, secondary or cross country routes throughout the battlefield. The M93A1 has the capability to find and mark chemical and nuclear contamination. Through the secure communications system, it provides warnings to follow on forces. The crew is protected by the inclusion of an on-board overpressure system.						

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Modified Improved Reserve	PFDOS	III	DAR SBCCOM	PM, Soldier	PD	DAR, SBCCOM
Parachute System (MIRPS)			(COL(P) Mangual)	Support		

The MIRPS uses the existing 24-foot diameter reserve parachute with a new spring deployment activated device (DAD), a new pilot parachute, and a modified packtray. In appearance the MIRPS will resemble the current T-10R reserve parachute. However, the MIRPS incorporates a new reserve activation system where no action is required by the trooper after pulling the reserve handle.

Modular Artillery Charge System (MACS)	EMD	III	PEO, GCSS (MG Michitsch)	PM, Crusader	PJ	PEO, GCSS
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The Modular Artillery Charge System (MACS) is intended for use with fielded 155mm field artillery systems equipped with M199 and M284 39 caliber cannons and the XM297 cannon under development for use on Crusader. The MACS includes two different types of charge increments - the XM231 designed to achieve ranges in zones 1 and 2, and the XM232 designed to achieve ranges in zones 3-6. Each increment contains propellant, an ignition system, and performance enhancing additives that are loaded in a combustible case.

Modular Base Petroleum Laboratory	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
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A highly mobile petroleum lab used to test the quality of military petroleum products. The system is housed in two 40 foot semi-trailers which can be rapidly deployed to an area of operations anywhere in the world. This capability eliminates the need for building or leasing fixed base facilities.

Modular Command Post System	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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The Modular Command Post System is highly mobile, lightweight, and easy to set up/strike. The number of tents that may be complexed together is limited only by terrain. It is used when tactical situations require high mobility and high frequency redeployment.

Modular Crowd Control Munition (MCCM)	PDRR	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
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Less than Lethal means of breaking up large groups of hostile personnel. Provides incapacitation of personnel through robust flash-bang and stinging rubber balls. Capable of being mounted on vehicles with special mounting bracket.

Modular General Purpose Tent System	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
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The Modular General Purpose Tent System provides protection for personnel and equipment from debilitating effects of continuous exposure in climatic categories hot, basic, cold and severe cold. The MGPTS will be used to support operations across the operational continuum.

ACAT III by Pgm (Non-AIS)						
Program	Current	ACAT	MDA (Name)	PM	PM Level	Organization Reports To
Modular Relocatable Buildings	CE	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
The Modular Relocatable Buildings will provide modular semi-permanent, securable structures. Current field fabricated solutions are labor intensive, expensive and unrecoverable.						
Modular Weapon System	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
Provides a system of mounting rails/methods for Rifles/Carbines Attaching Sights, and Accessories. Allows combat commander to custom configure weapons based upon mission needs. Key vcomponent of Land Warrior Lethality.						
Monocular Night Vision Device (MNVD) AN/AVS-14	PFDOS	III	PEO, IEW&S (MG Gust)	PM, NV/RSTA	PJ	PEO, IEW&S
MNVD is a small tubular shaped single eye piece lens assembly with a state-of-the-art image intensification for amplifying low levels of starlight/moonlight for night operations.						
Mortar Fire Control System	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Mortars	PD	DSA, TACOM
Mortar Fire Control System (MFCS) is a digitized fire control system that includes a fire control computer, position navigation, and gun pointing. MFCS integrates mortar platoons into the current and future fire support command and control architecture.						
Mortar, 120mm, Weapon System, M121	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Mortars	PD	DSA, TACOM
The M121 Mortar Weapon System is a 120mm mortar system mounted in the M1064/M1064A3 carriers.						
Mortuary Affairs Remains Kit	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
The MARK will provide a combat service support capability and/or augment current capabilities for the Mortuary Affairs Company. The MARK will consist of a Racking System, Conveyor System, and nestable transfer cases. The Racking System will be compatible with the next generation of refrigerated container systems. The Racking System and Conveyor System should be composed of lightweight, durable materiel and be able to be sanitized.						
Mount, GMG, MK64, Mod 9	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
Material change to the mount for the 40mm, anti-personnel/anti-light armor automatic grenade launcher, which improves accuracy of the MK64 mount. Supports the Soldier Enhancement Program.						
* Sorted By Program Title						
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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Multi-Option Fuze for Artillery (MOFA)	EMD	III	PEO, GCSS (MG Michitsch)	PM, Crusader	PJ	PEO, GCSS

MOFA will provide proximity, time delay and point detonation functions for 105mm, 155mm and bursting projectiles.

Multi-Purpose Individual Munition/Short Range Assault Weapon (MPIM/SRAW)	EMD	III	DSA, AMCOM (BG(P) Armbruster)	PM, MPIM/SRAW	PD	DSA, AMCOM
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The MPIM/SRAW is a one-man light weight, shoulder fired, fire and forget, multiple purpose munition capable of defeating enemy forces in buildings, reinforced structures, bunkers and future light weight armored vehicles. The MPIM/SRAW consists of a disposable launcher/carry case equipped with a 2.5X telescopic sight that is compatible with current and future night vision devices. The shoulder launched missile consists of a two state, soft launch propulsion system with inertial guidance and an explosively formed penetrator with follow-through grenade warhead. The missile is capable of being fired quickly from its carrying configuration and safely fired from enclosures. Joint effort with USMC.

Multiple Integrated Laser Engagement System (MILES) 2000	PFDOS	III	CG, STRICOM (BG Bond)	PM, LTS	PD	CG, STRICOM
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MILES 2000 is a program to procure replacements for the basic MILES devices which provide tactical engagement simulation for direct fire, force-on-force training using eye-safe laser "bullets". The devices replicate the ranges, vulnerabilities, weapon characteristics and ammunition of the weapons being simulated. The devices are configured to cover a wide range of existing weapons and are capable of being readily adaptable to new weapons or modifications to existing weapons.

Multipurpose Integrated Chemical Agent Detector (MICAD) Alarm	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, NBC Defense	PJ	DAR, SBCCOM
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The MICAD is an NBC warning and reporting system that monitors NBC detectors, sensors and tactical communications equipment on board vehicles, vans and shelters. The MICAD digitizes new contamination information for use by contamination avoidance software such as the Automated NBC Information System (ANBCIS) both locally and remotely. The MICAD digital data and NBC alarms are sent and received on standard voice and digital tactical communications systems for both horizontal and vertical transmission on the battlefield.

National Airspace System (NAS)	EMD/PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, ATC	PD	DSA, AMCOM
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The NAS integration program provides engineering and automation necessary for Army ATC facilities to interface with FAA and sister DOD ATC facilities while controlling aircraft in the National Airspace System. The following systems comprise the NAS program: Digital Airport Surveillance Radar (DASR), Military Airspace Management System (MAMS), Digitized AN/FPN-666 Surveillance Radar System, Video Information Distribution System (VIDS), Uninterrupted Power Supply (UPS), and the Voice/Switch Programs.

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
New Training Helicopter (NTH)	PFDOS	III	CG, AMCOM (MG Sullivan)	PM, Kiowa Warrior	PD	DSA, AMCOM

The Army's NTH (TH-67) is a Bell 206. Its function is to replace existing Hueys being used for training Initial Entry Rotary Wing students. The TH-67 (Creek) will require approximately one-third the operating and support cost of the Huey.

Night Vision Systems--Mini Eyesafe Laser Infrared Observation Set (MELIOS)	PFDOS	III	PEO, IEW&S (MG Gust)	PM, NV/RSTA	PJ	PEO, IEW&S
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Mini Eyesafe Laser Infrared Observation Set (MELIOS) is designed to meet all ranging requirements of the infantry and selected requirements of other branches and services out to ranges of 10KM with plus or minus 5M accuracy.

Night Vision Thermal Systems--The Driver's Vision Enhancer (DVE)	PFDOS	III	PEO, IEW&S (MG Gust)	PM, NV/RSTA	PJ	PEO, IEW&S
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The Driver's Vision Enhancer (DVE) is a passive thermal imaging system designed to provide drivers of tactical wheeled vehicles with the capability to continue normal driving operations in all ambient light levels and in the presence of natural and man-made obscurants. DVE is currently in limited procurement.

Night Vision Thermal Systems--Thermal Weapon Sight (TWS)	PFDOS	III	PEO, IEW&S (MG Gust)	PM, NV/RSTA	PJ	PEO, IEW&S
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Thermal Weapon Sight (TWS) is a class of low cost, lightweight, infrared imaging devices of medium to high resolution to be used for fire control of individual and crew served weapons during both daylight and darkness.

Non-Lethal 40mm Cartridge	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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A 40mm non-lethal cartridge for use with the M203 grenade launcher. It will provide a less than lethal means of crowd control. This program is in support of the Soldier Enhancement Program.

Nuclear Tester	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
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This tester is used to measure the density and moisture levels of soils and asphalt samples by engineer construction units. It contains radio-active materiel, is serial number controlled, and managed under nuclear regulatory commission license granted to TACOM.

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Objective Individual Combat Weapon (OICW)	PDRR	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
The OICW will demonstrate the next generation Infantry weapon with modular, dual barrel that combines the lethality of a 20mm air-bursting munition, 5.56mm NATO ammunition and a full solution fire control system. The air-bursting munition will be capable of defeating targets in defilade at a standoff range of 1000 meters. OICW is thlethality block upgrade to the Land Warrior Program. This program will transition to PMSA 1QFY00						
Packaged Water System (PWS)	PDRR	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
The Packaged Water System will be used to resupply combat forces with drinking water during early entry and prior to arrival of Combat Service Support Units. It will also be used to resupply troops in an NBC environment and reduce reliance on host nation support.						
Palletized Load System (PLS) Bituminous Distributor Module	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, HTV	PJ	DSA, TACOM
The M1075 PLS Bituminous Distributor module is a Non-Developmental Item which is detachable from the M1075 PLS truck. It has a 2,800 gallon capacity for hot bitumen and is independently powered by a powered pump. It is used to deliver liquid bitumen for road and airfield construction. The M1075 PLS truck and M1076 PLS trailer are transportable by highway, rail, marine, and air modes.						
Palletized Load System (PLS) Truck Concrete Mobile Mixer Module, 8 CU YD	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, HTV	PJ	DSA, TACOM
The PLS concrete mobile module is a Non-Developmental Item module which is detachable from the M1075 PLS truck and is used to manufacture, transport, and pour concrete. It has a special 8 cubic yard capacity body with compartments for water, sand, gravel, and cement. Cement products are loaded from the top and flow to a chute for mixing and distribution out the rear of the vehicle. The system is powered indepdently from the PLS truck and is able to be transported by the M1076 PLS trailer. The M1075 PLS truck and M1076 PLS trailer are transportable by highway, rail, marine, and air modes.						
Penetration Augmented Munition (PAM)	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
Manportable multi-stage munition that attaches to and defeats large reinforced bridge piers.						
Petroleum Quality Analysis System (PQAS)	PDRR	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
PQAS is a highly mobile, transportable, modern laboratory for on-site testing and analysis of all common military fuels acquired from a variety of sources. The PQAS is lightweight, compact and sufficiently rugged to allow transporting on and operating from a HMMWV. The PQAS is operated on the extended battlefield and will accommodate all tests necessary to determine fuel quality. This system will replace the Airmobile Petroleum Laboratory.						
* Sorted By Program Title						
** PM Level: PG = O-7/SES Program Manager PJ = O-6/GS-15 Project Manager						
PD = O-5/GS-14 Product Manager Title if None of the Above						
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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Petroleum Quality Surviellence Laboratory (PQSL)	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, PAWS	PD	DSA, TACOM
This mobile lab provides quality surveillance testing under field conditions and also has a limited capability to perform procurement acceptance testing of petroleum products.						
Platoon Early Warning Device-II (PEWD-II)	EMD	III	DSA, CECOM (COL(P Mazzucchi)	PM, PSE	PD	DSA, CECOM
Upgraded replacement for Platoon Early Warning System.						
POL 10,000 Gallon Fabric Tank Assembly	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, PAWS	PD	DSA, TACOM
This is a separately authorized component of the Fuel System Supply Point and also serves as an auxiliary tank for special operations.						
POL 20,000 Gallon Tank Assembly	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, PAWS	PD	DSA, TACOM
The 20.000 Gallon POL Tank Assembly is a separately authorized component of the FSB and also serves as an auxiliary tank for special operations.						
POL 3000 Gallon Fabric Tank	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, PAWS	PD	DSA, TACOM
The 3000 Gallon Fabric Tank is an associated item of the Modular Fuel System Supply Point which is in the development stage and is an upgrade of the current Fuel System Supply Point. It is also authorized in some combat support units.						
POL 350 GPM Filter Separator	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, PAWS	PD	DSA, TACOM
The 350 GPM Filter Separator has multiple uses with its main application to the fuel System Supply Point. Other uses include support to the HEMTT Aviation Refueling System and refueling on the move. It supports the Army's primary means of distributing and issuing usable petroleum to combat forces under tactical conditions by filtering sediment and water from the fuel.						
POL 350 GPM Pump (Regulated)	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, PAWS	PD	DSA, TACOM
The 350 GPM Pump (Regulated) is a multi-purpose pump with its primary application to the hoseline outfit. It supports the Army's primary means of distributing and issuing petroleum to combat forces under tactical conditions.						

* Sorted By Program Title

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POL 50 GPM Pump	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, PAWS	PD	DSA, TACOM

The 50 GPM Pump is an auxiliary/utility pump required in all types of Army units for multiple usage. This includes drawing fuel from storage tanks and from collapsible or 42-gallon metal drums. It also has general use in unit, battalion, and higher support units.

POL 50,000 Gallon Fabric Tank Assembly	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, PAWS	PD	DSA, TACOM
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The 50,000 Gallon Fabric Tank Assembly is a separately authorized component of the Fuel System Supply Point, Inland Petroleum Distribution System, and also serves as an auxiliary tank for special operations.

POL 600 Gallon Trailer Mounted Tank Unit	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, PAWS	PD	DSA, TACOM
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The 600 Gallon Trailer Mounted Tank Unit is a component of the high profile Tank and Pump Unit (Truck Mounted), Tank Unit, Liquid Dispensing for Trailer Mounting and also issued as a separate or replacement item.

POL Items less than \$5M	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, PAWS	PD	DSA, TACOM
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The equipment procured with this "basket" program supports the Army mission of providing bulk petroleum fuel distribution to all DoD level based forces in a theater of operations. The program includes a wide variety of low unit cost, high usage items such as POL tanks, pumps, test equipment and storage and distribution systems. Each has an annual procurement of \$2M or less.

Precision Guided Mortar Munition	PDRR	III	DSA, TACOM (COL(P Harrington)	PM, Mortars	PD	DSA, TACOM
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Precision guided Mortar Munition 81mm and 120mm autonomous anti-tank mortar munitions utilizing state of the art technologies.

Precision Lightweight GPS Receiver (PLGR) AN/PSN-11	PFDOS	III	DSA, CECOM (COL(P Mazzucchi)	PM, GPS	PD	DSA, CECOM
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The PLGR is self-contained, handheld receiver that processes GPS signals and provides, velocity, and time (PVT) information.

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Project Soldier	*	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier	PJ	DAR, SBCCOM

Project Soldier is responsible for a host of products worn, carried or consumed by the individual soldier. There are two subordinate product managers included in the PMO’s responsibilities, Land Warrior and the Enhanced Soldier Systems. Separate descriptions and accounting information for these products are listed elsewhere independently within this document.

* Systems managed under the Project Soldier are in all phases of development and production.

Projectile, 155mm Extended Range Dual Purpose Improved Conventional Munition (XM982)	EMD	III	PEO, GCSS (MG Michitsch)	PM, ARMS	PD	PEO, GCSS
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The XM982 is an extended range Dual Purpose Improved Conventional Munition (DPICM) 155mm artillery projectile. It will be compatible with all current and future 155mm artillery systems in the U. S. inventory. The XM982 will extend the range of the M198, M109A5, 155mm Paladin (M109A6), and the Light Weight Howitzer to approximately 37 kilometers. The XM982 with the Modular Artillery Charge System (MACS) extends the Crusader range to 47 kilometers. Survivability is increased by allowing greater stand-off from threats and faster defeat of potential threats.

Radiac Set AN/UDR-13, Pocket Radiac	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, NBC Defense	PJ	DAR, SBCCOM
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The AN/UDR-13 Pocket Radiac (PR) Set is a compact, handheld, tactical device capable of measuring the gamma dose-rate and gamma/neutron cumulative dose in a battlefield environment. Its pocket size permits convenient use by airborne, mounted, and ground forces. Presettable alarms are provided for both the dose-rate and total dose modes. A push-button pad enables mode selection and functional control. Data readout is by liquid crystal display (LCD).

Radiological Water Monitor	PDRR	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
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This program covers the development of a system which will be able to measure radioactivity in raw and product water to determine if radiation health criteria are being met. Currently the Army does not have adequate capability to monitor raw and product water for the established levels of radioactivity. The system has to be able to measure 1000 picocuries per liter against a background gamma radiation level of up to 100 milliroentgen per hour. The system will be used by Quartermaster Units to select raw water sources and by Preventive Medicine teams to approve water for potable uses.

Rail Adapter System (RAS), XM4/M5	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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This system provides a mounting surface for M16 rifles and M4 carbines which will allow attachment of day and night sights and other accessories. A Soldier Enhancement Program supporting the Land Warrior System.

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
RC-12/C-12	PDRR	III	DSA, TACOM (COL(P) Harrington)	PM, Fixed Wing Aircraft	PD	DSA, AMCOM
Various avionics upgrades to make the aircraft compatible with future international navigation requirements, improve aircraft pilotage, and increase aircraft life.						
Refrigerated Container Systems	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
Provides mission-critical refrigeration capability at forward areas for specialized military units. The Refrigerated Container System is used to transport perishable rations for field feeding units and human remains for hospital/mortuary affairs units.						
Remote Activated Munition System (RAMS)	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
Lightweight transmitter/receiver that is compatible with demolition munitions and other Special Operations Force equipment.						
Remote Mount/Common Remotely Operated Weapon System (CROWS)	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
A remote vehicle mounting system for heavy and medium machine guns MK 19 GMG, .50 Cal M2, M240, and Objective Crew Served Weapon (OCSW). Improved system accuracy and operational response time. Modular, open architecture will readily allow future improvements.						
Rifle Launched Non-Lethal Munition	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
Provides a muzzle launched cartridge for the M16A2/A4 rifle and the M4 carbine for use in non-lethal crowd control. Supports the Soldier Enhancement Program.						
Robotic Combat Support System	CE	III	DSA, AMCOM (BG(P) Armbruster)	PM, JPO UGV/S	PJ	DSA, AMCOM
The Robotic Combat Support System (RCSS) is a light, robotic, soldier-controlled vehicle system used to support several missions by attaching and removing attachments. Capabilities include: compactor, picket driving, anti-personnel mine and booby-trap proofing flail kit. The RCSS will have a medium and light version.						
Rough Terrain Container Crane (RTCC)	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
The RTCC is a diesel engine driven vehicle with pneumatic tires, all wheel drive/steer carrier, and a superstructure with a hydraulically operated telescoping boom capable of 360 degree rotation while loaded. This program supports units identified in the Logistic Unit Productivity Study. The RTCC will replace the 50,000 lb Rough Terrain Container Handler in GS ammo units and the 140 ton crane in Terminal Transfer Units.						

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
Rough Terrain Container Handler (RTCH)	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MHE	PD	DSA, TACOM

This acquisition is a re-procurement and will be procured as a non-developmental item. The 50K Rough Terrain Container Handler (RTCH) can stack 8 foot wide, 20 & 40 foot long ISO containers two high as well as handle 50K conventional forklift loads if equipped with fork tines. The vehicle is diesel engine driven and was engineered by combining a commercial chassis designed for rough terrain operations with a commercial forklift mast and container handling top attachments. The RTCH is four wheel drive and capable of fording up to 5 feet in saltwater. It is used by Transportation Cargo Transfer Companies, Transportation Terminal Service Companies, and General Support Ammunition Companies to transfer containers from the ground to waiting transportation, or from one mode of transportation to another. The RTCH mission requirements have expanded from depots, OTS airfields, rail yards, and sea ports to beach operations and Corps, Division, and Bridge forward support areas.

Rough Terrain Container Handler Rebuild Program	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MHE	PD	DSA, TACOM
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The Rough Terrain Container Handler (RTCH) is used to stack either 20 ft. or 40 ft. ISO container weighing up to 50,000 lb.. These RTCH's are 15 years old. The rebuild program, which brings the vehicles back to their original performance specifications, is expected to extend the service life by 10 years and will yield cost savings over a new acquisition.

Scoop Loader	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MHE	PD	DSA, TACOM
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Scoop loaders (4-1/2 to 5 cu. yd capacity) are diesel engine driven 4X4 versatile items of equipment with rear axle oscillation and articulated frame steering. They are primarily used for loading trucks in rock quarries and after excavating earth, loose rock or sand.

Scraper, Elevating Self-Propelled, 11 CU YD	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MHE	PD	DSA, TACOM
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This scraper is used by Airborne/Airmobile Combat Engineering Units for earthmoving work, such as construction and maintenance of roads and airfields. The unit has been sectionalized into two sections for external air transport by helicopter.

Scraper, Elevating Self-Propelled, 14 - 18 CU YD	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MHE	PD	DSA, TACOM
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This scraper is used by Heavy Combat Engineering Units for earthmoving work, such as construction and maintenance of roads and airfields.

Selectable Lightweight Attack Munition (SLAM)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
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Lightweight (2.2 lb.) munition that will defeat a variety of targets with 4 modes of operation (magnetic bottom attack, passive infrared side attack, time demolition, command detonation)

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Self-Powered Mutil Functional Water Heater	CE	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
The Self-Powered Multi-Functional Water Heater program will provide a portable, multi-functional water heater/power plant for providing forced hot water for field use in field sanitation and showers as well as laundry applications for units in remote locations. This equipment will replace the immersion heater that is inefficient and dangerous. This equipment will be lightweight, rugged, reliable and capable of producing its own power.						
Single Channel Anti-jam Manportable (SCAMP)	PFDOS	III	PEO, C3S (BG Boutelle)	PM, MILSATCOM	PJ	PEO, C3S
The Milstar Single Channel Anti-Jam Manportable (SCAMP) Block I is a manportable, battery-powered terminal that provides four channel LDR secure voice at 2400 bps and secure data at 75-2400 bps through the use of the Extremely High Frequency (EHF) Milstar satellite. The program is under the auspices of Product Manager Manportable Satellite Systems. This capability provides worldwide, two-way, anti-jam, low-probability-of-intercept detection, secure voice, and data communications through all levels of conflict and crisis. The terminal weighs 38 pounds within the transit case and is delivered with an accessory case, which includes an external power adapter, speaker and assorted baseband cables. Development is underway for technologies leading to an objective SCAMP Block II, 12-15 pounds, and manportable terminal.						
Small Arms Fire Control System	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
Provides a full solution fire control with day/night sight and laser ranging capability. It will dramatically increase first round hit probability of the MK19 Grenade Machine Gun. Supports the Soldier Enhancement Program.						
Small Mobile Water Chiller	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
The Small Mobile Water Chiller is a self-contained, skid-mounted, single pass water chiller. The main components consist of a diesel engine, compressor, condenser heat exchanger (evaporator) and water pump. It cools fresh drinking water for companies operating near the combat zone in harsh and arid environments. The SMWC is part of CENTCOM's Near Term Supply Equipment.						
Small Unit Shower	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
The Small Unit Shower will be a compact, lightweight field shower system to service small units, developed under the Soldier Enhancement Program.						
Soldier Crew Tent (SCT)	PFDOS	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
The SCT provides environmental protection for the billeting of small unit elements. It is a lightweight, durable, single frame, single hub tent.						

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Special Operations Force Demo Kit	EMD	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM

Kit consisting of state-of-the-art warheads and demolition attaching material to provide capability to construct special purpose demolitions.

SPITFIRE (Formally known as Enhanced Manpack UHF Terminal) (EMUT)	PFDOS	III	PEO, C3S (BG Boutelle)	PM, MILSATCOM	PJ	PEO, C3S
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The SPITFIRE radio program (under the auspices of Product Manager, Manportable Satellite Systems) is a Ultra High Frequency (UHF) manpack, small, lightweight, manportable, single channel satellite communications terminal that supports the Army, Air Force, Marine Corps, and Special Operations Forces units’ requirements for use on the 5 and 25 kHz channels of the UHF Follow-On (UFO) satellites. The Spitfire has embedded Communications Security and 5/25 kHz Demand Assigned Multiple Access (DAMA) capability and will replace the existing inventory of single channel SATCOM radios. It is highly mobile, easy to operate and weighs less than 12 pounds, excluding battery.

Stand Alone Air GPS Receiver (SAGR) AN/ASN-169	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, GPS	PD	DSA, CECOM
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The SAGR is a self-contained, six channel receiver that processes GPS signals and provides position, velocity, and time (PVT) information.

Standard Army Refueling System (SARS)	PDRR	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
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Standardize refueling equipment that will adapt to all tactical vehicles and ground support equipment. Capable of refueling tactical vehicles in a minimum of two minutes at flow rates up to 300 GPM. The nozzle and receiving system would regulate flow and pressure, return vapor to the supply tank, and allow filling multiple tanks from one source. The current design is based on a pressure manifold type equipment fuel system, limiting the internal pressure to 18 psig on all hardware and the fuel system manifold. This nozzle and receptacle design will increase refueling rates, reduce hazards associated with "hot" refueling, reduce the possibility of fuel contamination and reduce the detection signal of the vapor plume generated during refueling.

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Standard Integrated Command Post System (SICPS)	PFDOS	III	PEO, C3S (BG Boutelle)	PM, TOC/AMDCCS	PD	PEO, C3S

The SICPS is a family of standard Command Post (CP) facilities under the auspices of Product Manager Platforms. The family includes a Tent CP, a Rigid Wall Shelter (RWS) CP, a Track Vehicle CP (M1068), a 5-Ton Expansible Van CP, and a Soft Top High Mobility Multipurpose Wheeled Vehicle (HMMV) CP. The Tent CP is eleven by eleven feet and supported by a three-piece aluminum frame, with interchangeable fabric sidewalls. Any of these can be removed when attaching two or more tents. The Tent CP is fielded with two tables, mapboards, and a fluorescent light set. It can be attached to any of the other SICPS variants, except the 5-Ton Expansible Van CP, by replacing one sidewall with an interface boot wall. The RWS CP mounts on the HMMVV shelter carrier (M1097) and is powered by an on-board ten kW generator. Components include: equipment racks, internal lighting and blackout, power and signal import/export panels, internal wiring/cabling, vehicular intercom system, 18000 BTU environmental control unit, chemical/biological protection, electromagnetic interference shielding, and Quick Erect Antenna Mast (QEAM). The CP provides workspace for two-each Command, Control, Communications, Computers and Intelligence (C4I) workstations and operators. The Track Vehicle CP is a modification of the existing M577 track vehicle to the M1068 CP vehicle. Added components include: an on-board five kW generator, equipment racks, internal lighting, power and signal import/export panels, internal wiring/cabkubgm vehicular intercom system, QEAM and workspace for two-each C4I workstations and operators. The 5-Ton Expansible Van CP is an installation kit, M-2780/G for the existing 5-Ton Expansible Van (M934A2) and provides equipment racks, internal light and blackout, power and signal import/export panels, internal wiring/cabling, QEM and workspace for four-each moveable C4I workstations and operators. The Soft Top HMMWVCP is an installation kit, M2727/G for existing HMMWV and provides equipment racks, internal lighting and blackout, power and signal import/export modules, internal wiring/cabling, mount for QEAM, and workspace for two-each C4I workstations and operators.

Standardized Robotic System	EMD	III	DSA, AMCOM (BG(P) Armbruster)	PM, JPO UGV/S	PJ	DSA, AMCOM
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The Standardized Robotic System (SRS) kit will be installed on existing military vehicles and will be transparent to the operator. When operated remotely, all driving and payload functions are controlled from a remote location. This insertion of new technology on existing systems allows engineer units to operate heavy machinery or other military vehicles in extremely hazardous environments.

Stinger Block I	PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, SHORAD	PJ	DSA, AMCOM
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Low altitude Forward Air Defense for maneuver forces against low flying fixed, UAV, cruise missile and rotary wing targets with manportable and multiplatforms.

Striker	EMD/LRIP	III	PEO, GCSS (MG Michitsch)	PM, BFVS	PJ	PEO, GCSS
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The M707 Striker performs 24-hour terrain surveillance, target location, acquisition, and designation in heavy and light divisions. The system operates as an integral part of the brigade recon fight, providing Combat Observation Lasing Teams (COLTs) with fire support mission planning and execution. Striker consists of an M1025A2 armored HMMWV integrated with a Mission Equipment Package (MEP) that includes: Ground/Vehicular Laser Locator Designator (G/VLLD), AN/TAS-4B night sight, Handheld Terminal Unit (HTU), Lightweight Computer Unit (LCU) that hosts Forward Observer System (FOS) Software, and Inertial Navigation System (INS).

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Suite of Integrated Radio Frequency Countermeasures	EMD	III	PEO, AVN (MG Snider)	PM, ATIRCM	PJ	PEO, AVN

The SIRFC system will provide active and passive Electronic Countermeasure (ECM) protection against Radio Frequency (RF) threats. The system is designed to meet operational requirements for a modular radio frequency countermeasure system capable of providing situational awareness, radar warning and jamming countermeasures. The system is being developed for all Army aircraft.

Super High Frequency (SHF) Tri-Band Advanced Range Extension Terminal (STAR-T)	PFDOS	III	PEO, C3S (BG Boutelle)	PM, MILSATCOM	PJ	PEO, C3S
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The AN/TSC-156 (V) 3/4/5 is being provided as part of the Tactical Tri-band-Terminal High Mobility Multi-purpose Wheeled Vehicle (HMMWV) (T3 (H) program under the auspices of Product Manager Tri-Band Terminals. This program combined the requirements of the U.S. Army, U.S. Special Operations Command (USSOCOM), Joint Communications Support Element (JCSE) and the U.S. Marine Corps. The Army will use two primary configurations; the AN/TSC-156 (V) 3 standard version (non-switch), also used by the U.S. Marine Corps and JCSE, and the AN/TSC-156 (V) 4/5-switch versions. The Army's AN/TSC-156 (V) 3 will provide force projection inter- and intra-theater connectivity between TRI-TAC switches at Echelons-Above-Corps (EAC) to include split based operations between the theater and the sustaining base. At Echelons-Corps and Below (ECB) standard versions will provide the same extended range connectivity between elements in the Mobile Subscriber Equipment network at selected ECB units. The AN/TSC-156 (V) 4/5 will provide local and tandem switching capability for selected nodes and headquarters at EAC and ECB units, in addition to range extension. The AN/TSC-156 (V) 3/4/5 will replace AN/TSC-85B/93B and AN/TSC-143 terminals at EAC and designated signal units. It will complement the AN/TSC-154 Extremely High Frequency (EHF) Milstar Secure Mobile Anti-jam Reliable Tactical-Terminal (SMART-T) at ECB. The Warfighter Information Network (WIN) architecture in conjunction with the Joint Technical Architecture will initiate a trend toward commonality with commercial switching and data standards to include end instruments. The AN/TSC-156 (V) 3/4/5 are tri-band, multi-channel, tactical satellite communications terminals that operate within the Super High Frequency (SHF) satellite spectrum over military X-band and commercial C and Ku band satellites. The transport configuration for the Low Rate Initial Production versions will be two Heavy HMMWVs with transition to the Enhanced Capacity Vehicles (ECV) for production. The terminals have a 30-minute set-up/tear down time with frequency band changes in ten minutes or less.

Synthetic Environments and Advanced Distributed Simulations (SEADS)	PDRR/EMD/PFDO	III	CG, STRICOM (BG Bond)	PM, SEADS	PD	CG, STRICOM
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The SEADS program consists of multiple activities to support Synthetic Environment and SBA/SMART implementation. The Advanced Simulation Program (ASP) provides state-of-the-art technologies to facilitate experiments at the Core Distributed Interactive Simulation (DIS) Facilities (CDFs). The SEADS program also provides for services of the Combined Arms Assessment Network (CAAN), consisting of the Operational Support Facility (Orlando, FL), Land Warrior Test Bed (Ft. Benning GA), Mounted Warfare Test Bed (Ft. Knox KY) and Aviation Test Bed (Ft. Rucker AL), for conducting various experiments within a virtual environment.

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
T-9 (D7 Bulldozer)	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, CE/MHE	PD	DSA, TACOM

The D7 is a fully tracked, low speed, medium drawbar pull bulldozer with a ripper or winch. It is used by engineer units for all types of horizontal construction projects such as roads, airfields, and emplacements.

Tactical Airspace Integration System (TAIS)	EMD	III	DSA, AMCOM (BG(P Armbruster)	PM, ATC	PD	DSA, AMCOM
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The TAIS is a tactical command and control system that will provide automated Army Airspace Command and Control (A2C2), improved air traffic services, airspace management services during military operations other than war (OOTW), effective battlespace synchronization and interface with air traffic services facilities of other services and other nations. The TAIS will replace the AN/TSQ-61B, Flight Control Central.

Tactical Fuel Storage and Distribution System	PDRR	III	DSA, TACOM (COL(P Harrington)	PM, PAWS	PD	DSA, TACOM
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A system of components (pumping assemblies, filtration systems, hose valves and fittings) lighter in weight, yet with the same efficiency, designed to use fewer people for set-up and operation.

Tactical Operations Center (TOC)	PFDOS	III	PEO, C3S (BG Boutelle)	PM, TOC/AMDCCS	PD	PEO, C3S
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TOC incorporates Army Battle Command Systems (ABCS), standard vehicles, shelters and tentage, and are transportable in military aircraft. TOCs are digitized, tactically mobile, and fully integrated. Military-Off-The-Shelf (MOTS), Non-Developmental Items (NDI), Commercial Off-The-Shelf (COTS), and emerging technologies are incorporated, and the centers are Defense Information Infrastructure/Common Operating Environment (DII/COE) and Joint Technical Architecture (JTA)-Army (JTA-A) compliant. TOCs are interoperable across all Army mission areas and Joint/Allied mission nodes, and provide a common operational picture. TOCs also provide "Jump" or split-based operations, and command and control protection. They are modular and highly reconfigurable. Operations are revolutionized through a combination of state-of-the-art processing, communications, and information transport methods, using tactical internetting, and the latest networking capabilities. Information dominance is achieved through the orderly evolution of capabilities; these were demonstrated during Advanced Warfighting Experiments, Advanced Concept Technology Demonstrations, collaborative planning, Advanced Technology Demonstrations, improved displays, communication, and data transfer.

Tactical Quiet Generator (TQG) Program, 3 KW	PFDOS	III	DSA, CECOM (COL(P Mazzucchi)	PM, MEP	PJ	DSA, CECOM
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The 3KW TQG developmental program is required to meet the user’s (USA,USAF,USMC) urgent requirement for a small, man-portable generator, with improved mobility (reduced weight and size), reduced noise and infrared signature, improved reliability and survivability and single fuel compliant (diesel/JP8). This program will provide sets that will replace/modernize the aged (25 years average age), unsupportable and unreliable 3KW gasoline/diesel generator sets presently in the field. The program is a competitive shoot-off and a down select was made to one contractor in FY98. Production is scheduled to start in 1QFY00 with FUE in FY01.

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Tactical Quiet Generator (TQG)	PFDOS	III	DSA, CECOM	PM, MEP	PJ	DSA, CECOM
Program, 5-60 KW			(COL(P) Mazzucchi)			

The 5-60KW TQG program was initiated to replace/modernize the old (average age 20+ years), unreliable/unsupportable Military Standard (MS) Generator Sets, and to enhance battlefield deployability and survivability. The TQG family significantly improves mobility/deployability (reduced weight and size), vastly improves survivability(reduced noise and infrared signatures; EMP hardened) and more than doubles reliability and maintainability. The family is single fuel compliant(diesel/JP8) and is critical to the Army's Force XXI initiatives. FUE was completed in Dec 93 and fielding continues(to be completed by 2013). A 30-60KW TQG re-engining initiative is currently on-going to ensure compliance with EPA standards, and to digitize control systems, enhance diagnostics/maintenance capabilities and interface with other supported digital systems. A contract for the 30-60KW reengineering effort was awarded in 1996. A 10 year follow-on production contract for 5-10-15KW sets was awarded in 1996. These sets are being procured for USA, USAF, USMC, USN and FMS.

Tactical Terminal Control System (TTCS)	PFDOS	III	DSA, AMCOM	PM, ATC	PD	DSA, AMCOM
			(BG(P) Armbruster)			

The TTCS is a mobile communications system that will provide Air Traffic Services (ATS) at remote landing sites, drop zones, pick-up zones and temporary helicopter operating areas. TTCS equipped units will provide ATS for aviation assets conducting operations across the entire battlefield. The TTCS will replace the AN/TSQ-97A.

Tactical Unmanned Vehicle (TUV)	PDRR	III	DSA, AMCOM	PM, JPO UGV/S	PJ	DSA, AMCOM
			(BG(P) Armbruster)			

The TUV is a tele-operated, state-of-the-art system enabling small units to perform remote day/night reconnaissance, surveillance, target acquisition (RSTA) and biological/chemical (BC) detection missions from protected positions. The TUV consists of a Remotely Controlled Multi-Mission Platform (RCMMP), Operator Control Unit (OCU), Mission Modules (MM), and Mission Planner (MP). The RCMMP is tele-operated forward and transports the Mission Module. The soldiers/Marines at the OCU, remaining in covered positions, will deploy the RCMMP up to 10 Km forward of friendly forces. A data link between the OCU and RCMMP allows vehicle control and the transmission of critical RSTA and BC detection information back to the operator. The TUV will support expansion of the Battalion Commander's battle space as an organic system to gather real-time battlefield information. The TUV program's Evolutionary Acquisition Strategy, along with modular design, will facilitate the horizontal technology insertion of the future mission payload packages necessary to satisfy twenty-first century requirements. TUV will be an organic battalion asset for Army and Marine Corps Infantry and Marine Corps Artillery units and will be compatible with present and future Army and Marine Corps Command, Control, Communications, Computer, and Information Systems.

Tactical Water Distribution System	PFDOS	III	DSA, TACOM	PM, PAWS	PD	DSA, TACOM
			(COL(P) Harrington)			

This system enables water to be disbursed over a ten mile or any multiple of ten miles through a hoseline/pump entity. It is used with water storage distribution systems or with the 150,000GPD ROWPU.

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Tank Assembly, Fabric, Collapsible POL 10,000 gal	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
A large container fabricated of elasto-meric coated nylon used to store fuel (10,000 gal capacity).						
Tank/Pump Unit Liquid Dispensing (TULD)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
TULD is the Army's primary system to transport and dispense a second type of fuel (MOGAS or diesel) on the battlefield. This liquid dispensing tank/pump unit consists of a 500 or a 600 gallon tank, tie down kit, storage boxes, and ancillary equipment to refuel and dispense fuel from the system. It is designed for mounting on the M1061A 5-Ton trailer.						
TEMPER XXI	PDRR	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
TEMPER XXI will replace/upgrade the current Tent, Extendable,Modular, Personnel (TEMPER) to provide improved mobility habitability, rapid erection and strike capability. Lightweight support structure and materials to improve mission performance will provide a tent that allows for multi-functional uses in all climatic conditions. This program will incorporate an airbeam frame for rapid deployment of large complexes for uses such as hospitals, and tent cities. The replacement tent will also utilize the modular deck system currently under development.						
Terrestrial Transmission	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, DCATS	PJ	DSA, CECOM
This budget line supports the Department of Defense approved program to modernize and integrate digital operations within the Pacific and European Theaters. The architecture of the Defense Information Systems Network (DISN) will be reconfigured to accommodate the rapidly changing deployment and realignment of forces within the Pacific and European Theaters. This program is a component of the Army’s seamless Enterprise Network that provides compatibility across operational systems. The modernization program supports force projection through technology insertion and evolutionary changes. The program utilizes emerging technological developments to capitalize on digital information systems throughout the worldwide DISN. The theater Commanders-in-Chief require a robust infrastructure that will facilitate mobilization and sustainment of a deployed force.						
Test Equipment Modernization	PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, TMDE	PJ	DSA, AMCOM
The Test Equipment Modernization (TEMOD) program provides state-of-the-art general purpose test, measure-ment, and diagnostic equipment (TMDE) to meet the needs of the Army’s direct and general support maintenance units. The program was initiated in 1981 to reduce TMDE proliferation and obsolescence and to reduce TMDE support costs. The TEMOD program procures commercial or nondevelopmental items through streamlined acquisition procedures to support a wide variety of Army weapons and support systems. The near-term focus of the program is on procurement of multifunctional devices and advanced technology systems which will further reduce test equipment inventories and the associated operating and support costs.						

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<u>Program</u>	<u>Current</u>	<u>ACAT</u>	<u>MDA</u> <u>(Name</u>	<u>PM</u>	<u>PM</u> <u>Level</u>	<u>Organization</u> <u>Reports To</u>
The HEMTT Tanker Refueling System (HTARS)	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, TAWS	PJ	DSA, TACOM

HTARS is a refueling system that allows the HEMTT tanker to refuel four aircraft simultaneously. It consists of lightweight, collapsible fabric hose; closed circuit, open port and under-wing nozzles; and quick disconnect sexless, dry-break couplings and wyes and tees.

Third Generation Night Vision Systems--The Night Vision Goggle	PFDOS	III	PEO, IEW&S (MG Gust	PM, NV/RSTA	PJ	PEO, IEW&S
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The Night Vision Goggle is an individual, lightweight, high performance passive, third generation image intensifier system.

Third Generation Night Vision Systems--The Sniper Day/Night Sight	PFDOS	III	PEO, IEW&S (MG Gust	PM, NV/RSTA	PJ	PEO, IEW&S
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The Sniper Day/Night Sight provides snipers using the M24 rifle the capability to acquire and engage targets at night using a third generation image intensifier. This system converts to either day or night use by the flip of a switch that alternates as needed between a day sniper scope or the image intensifier for night viewing.

Third Generation Night Vision--The Aviator's Night Vision Imaging System (ANVIS)	PFDOS	III	PEO, IEW&S (MG Gust	PM, NV/RSTA	PJ	PEO, IEW&S
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The Aviator Night Vision Imaging System provides aviators with night vision capabilities.

Time Delay Firing Device (TDFD)	PFDOS	III	DSA, TACOM (COL(P Harrington)	PM, MCD	PJ	DSA, TACOM
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Small/lightweight/expendable demolition device, extremely accurate and programmable from 5 min to 30 days. Replaces current M1 family of chemical delay devices.

Towed Artillery Digitization (TAD)	PDRR	III	PEO, GCSS (MG Michitsch	JPM-LW155	PJ	PEO, GCSS
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The primary element of the TAD program is a "Digital Fire Control System" (DFCS). Other elements of the TAD program may include laser ignition (or other primer-less ignition system), powered or power assisted ramming, an ammunition handling device, and powered or power assisted elevation and/or deflection drives. The TAD program will have application to both Army and Marine Corps XM777 (LW155) howitzers, and may also be applied in whole or in part to the M198 howitzer, the M119 howitzer, and the Army's Future Direct Support Weapon System (FDSWS). The DFCS shall be a fully integrated digital fire control system providing position location, navigation, ballistic computation, muzzle velocity measurement, receiving and applying meteorological data, multiple fire mission storage and sequencing, system command and control functions, digital communications, electronic crew controls and displays, and some level of situational awareness.

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Tractor, T-5	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MHE	PD	DSA, TACOM
This is a light bulldozer that is airmobile, airdropable and helicopter transportable. It is used in airborne operations for construction and maintenance of emplacements, roads and airfields.						
Tractor, Wheeled Warehouse	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MHE	PD	DSA, TACOM
This is a self-propelled diesel engine driven towing tractor, capable of towing loads up to 4,000 pounds. It is used primarily to pull tractor loads of break bulk commodities in warehouse, depots and terminal operations.						
Truck, Forklift, DED, Rough Terrain, 4000 lb Capacity (4K RTFL)	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, TAWS	PJ	DSA, TACOM
Diesel engine driven 4,000 lb capacity forklift with off-road and fording capabilities. It is designed to enter, stuff and unstuff the Army's family of 8X8 containers using the mobile ramp where necessary. These vehicles are used by terminal transfer units, maintenance support units, supply and services units and general support units.						
Truck, Forklift, Warehouse	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MHE	PD	DSA, TACOM
This forklift truck is clean burning diesel engine driven, has solid rubber tires, front wheel steering, and a hydrostatic transmission with a maximum speed of 8 mph. It is used in general warehouse operations that have sufficient ventilation for removal of contaminated air. It can lift loads up to 6k lb.. The vehicle is limited to use on paved or other improved surfaces.						
UC-35 Fixed Wing Aircraft	PFDOS	III	DSA, AMCOM (BG(P) Armbruster)	PM, Fixed Wing Aircraft	PD	DSA, AMCOM
High speed medium range fixed wing aircraft for hauling passengers and limited quantities of supplies.						
Universal Static Line	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Soldier Support	PD	DAR, SBCCOM
The Universal Static Line, when fully developed, will replace the need to have separate length static lines for each different airdrop aircraft. The line will either be one standard length, which successfully works with each aircraft, or an adjustable line that can be tailored to each aircraft.						

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Utility Generator Sets 100-200KW	PDRR	III	DSA, CECOM (COL(P) Mazzucchi)	PM, MEP	PJ	DSA, CECOM

This is a joint program with the USA,USAF,USMC and USN. The 100KW set size is part of the TQG family ROC, plans are to start development in FY00 with a production phase planned to start in FY03. FUE is scheduled for FY04.

Vehicle Engine Exhaust Smoke System (VEESS)	EMD	III	DAR SBCCOM (COL(P) Mangual)	PM, Smoke & Obscurants	PD	DAR, SBCCOM
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The Vehicle Engine Exhaust Smoke System (VEESS) kit consists of a lightly armored, exterior 15-gallon Fog-Oil-Tank that attaches using existing mounting bolts around the left signal light. It utilizes the existing VEESS pump to spray fog oil into the engine exhaust manifold. The fog oil recondenses upon contact with the atmosphere to produce a dense screen. The VEESS enhances unit survivability by screening movement, concealing positions and defeating enemy visual and near infrared target acquisition systems such as laser designators and laser range finders throughout the spectrum of warfare. This modification can be added without increasing overall vehicle gross weight if coupled with a substitution of M250 grenade discharger with the M6 grenade discharger.

Vehicle Teleoperation Capability	PDRR/EMD	III	CG, AMCOM (MG Sullivan)	PM, JPO UGV/S	PJ	DSA, AMCOM
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Standardized Teleoperation System (STS) with platform unique actuators and software.

Vibratory Roller	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, CE/MME	PD	DSA, TACOM
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The Vibratory Roller is intended to compact various types of cohesive and non-cohesive soils, and consolidate sand, gravel, and crushed rock for base and sub-base horizontal construction requiring high load-bearing capacity. Some of these missions include constructing/repairing roads, airfields, storage areas, base preparation of storage areas and handstand. It will replace existing compacting equipment. It comes in two sizes, a smaller one to support light and airborne units, and a standardized one for other units. This is a reprocurement and will be processed as a non-developmental item.

Volcano	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, MCD	PJ	DSA, TACOM
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Scatterable (M139 Dispenser) surface laid mine system consisting of the following: M87 Canister containing 1 AP and 5 magnetic fuze AT mines; M88 practice canister containing expendable dummy mines; M89 training canister which simulates mine dispensing timing and sequencing; and the M87A1 which incorporates improved producibility and countermeasure resistance.

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Water Items less than \$2M each	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM

The equipment procured with this "basket" program supports the Army mission of providing potable water to soldiers in the field. It provides life sustaining water to the front line and remote units in tactical environments. In addition to consumption, those items support personal hygiene, emergency medical conditions, equipment maintenance, and nuclear, biological and chemical decontamination. The program includes a wide variety of low unit cost, high usage items such as water tanks, pumps, water purification, storage and distribution systems. Each has an annual procurement of \$2 million or less.

Water Quality Analysis Set-Purification	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
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Analyzes water for total dissolved solids, turbidity, pH, temperature and chlorine residual using the latest microcomputer and electronic techniques. It is used to monitor ROWPU operations and to establish degree of treatment needed on raw water sources.

Water, Individual Purification System	PDRR	III	DSA, TACOM (COL(P) Harrington)	PM, PAWS	PD	DSA, TACOM
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This program will develop a water purifier to be used by small troop units located away from traditional supply chains. The unit will consist of portable modules, which when combined, will be capable of producing 50-150 GPH of potable water from any feedwater source.

Worldwide Technical Control Improvement Program (WWTCIP)	PFDOS	III	DSA, CECOM (COL(P) Mazzucchi)	PM, DCATS	PJ	DSA, CECOM
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Worldwide Technical Control Improvement Program (WWTCIP) provides needed upgrades, expansion, and modernization of the Worldwide Defense Information Systems Network (DISN) technical control facilities in order to effect the integration and efficient operation of Defense Communication System digital transmission subsystems, and to reduce operating costs. This program provides DC power, timing and synch, line conditioning equipment, automatic technical control, digital patch and access system(DPAS), VF tactical interface, Defense Communication Systems TRI-TAC interface, and appropriate test equipment and associated hardware. WWTCIP supports worldwide communications transmission media and switching upgrades such as the DISN-Europe Extended Korean Improvement Program (EKIP), Japan Reconfiguration and Digitization, and Defense Satellite Communications. Program also funds the automation of Technical Control Facilities, as part of the Joint Chiefs of Staff (JCS) directed Korean C4I enhancements under EKIP and Korea Communications Infrastructure upgrade (KCIU).

XM 84 Stun Grenade II	PFDOS	III	DSA, TACOM (COL(P) Harrington)	PM, Small Arms	PD	DSA, TACOM
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A diversionary device (hand grenade) designed to confuse, disorient or distract a potential threat with minimal force. Device can be used by tactical or non tactical forces. In support of Soldier Enhancement Program.

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